



# **THE LABOUR FORCE**

**MAY 1977**

**AUSTRALIAN  
BUREAU OF  
STATISTICS**

**CANBERRA**

Reference No. 6.20

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NOON 10 AUGUST 1977

## THE LABOUR FORCE, MAY 1977

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## EXPLANATORY NOTES

### Introduction

This bulletin contains estimates of the civilian labour force derived from the results of the population survey, which is carried out on a sample basis throughout Australia in February, May, August and November each year.

2. A summary of results is published each quarter, in advance of this more detailed bulletin, in *The Labour Force (Preliminary)* (Reference No. 6.32). The May 1977 statement was issued on 6 July. Preliminary estimates of unemployment are also published in advance of this bulletin in *Unemployment: Preliminary Estimates* (Reference No. 6.35). The May 1977 estimates were published on 17 June.

3. This issue includes a number of special features —

- a seasonally adjusted series for employed persons has been included for the first time in Table 5.
- all other seasonally adjusted series in Table 5 have been revised following annual re-analysis.
- estimates of employed persons by detailed occupations are shown in Table 9.
- a table showing the non-institutionalised civilian population aged 15 years and over classified by family status and employment status has been included in the Appendix.

4. Although emphasis in the survey is placed on the regular collection, each quarter, of data on the demographic and labour force characteristics of the population, supplementary surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from supplementary surveys are published in bulletins which are available free on request. (See page 29 for a list of titles.)

### The population survey

5. The survey is based on a multi-stage area sample of private dwellings (about 30,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds of one per cent of the population of Australia. Because of special circumstances in November 1975 the sample size for that survey was reduced to one half of one per cent. Information is obtained each quarter from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are carried out during a period of four weeks, so that there are four survey weeks in each of the months to which the survey relates. These four survey weeks are chosen so as to fall within the limits of the calendar month or with minimum encroachment into the adjacent months.

### Scope

6. The estimates relate to all persons aged fifteen years and over except members of the permanent armed forces and certain diplomatic personnel customarily excluded from census and estimated populations.

### Classification of the labour force

7. The labour force classification used in the surveys conforms closely to that recommended by the Eighth International Conference of Labour Statisticians, 1954. The labour force category to which a person is assigned depends on his *actual activity* (i.e. whether working, looking for work, etc.) during a specified week, known as *survey week*, which is the week immediately preceding that in which the interview takes place. The principal categories of the labour force appearing in the tables in this bulletin are defined in the following paragraphs.

8. The labour force comprises all persons who, during the survey week, were employed or unemployed as defined in paragraphs 9 and 10.

9. Employed persons comprise all those who, during the survey week,

- (a) did any work for pay, profit, commission or payment in kind, in a job or business, or on a farm (including employees, employers and self-employed persons), or
- (b) worked fifteen hours or more without pay in a family business (or farm), or
- (c) had a job, business or farm, but were not at work because of illness, accident, leave, holiday, production hold-up due to bad weather, plant breakdown, etc., or because they were on strike.

A person who had a job but was temporarily laid off by his employer for the whole week without pay is excluded, and is classified in the tables as unemployed. A person who did some work during the week, however, before he either lost his job or was laid off, is classified as employed. A person who held more than one job is counted only once, in the job at which he worked most hours during the survey week.

10. For purposes of the survey, **unemployed persons** are defined as all civilians aged 15 years and over who either :

- (a) during the survey week did not work and did not have a job, but could have taken one had it been available, and had been actively looking for full-time or part-time work in the four weeks up to and including the survey week (including persons who would have been prevented from taking a job in the survey week by their own temporary illness or injury, or by their having made arrangements to start after the survey week in a new job in which they would have preferred to start in the survey week) or
- (b) were waiting to be called back to a job from which they had been temporarily stood down without pay for four weeks or less (including the whole of the survey week).

11. **Full-time workers** are those who usually work

35 hours a week or more and others who, although usually part-time workers worked 35 hours or more during the survey week. **Part-time workers** are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour are disregarded.

12. **Persons not in the labour force** are those who, during the survey week, were not in the categories 'employed' or 'unemployed' as defined (see paragraphs 9 and 10 above). This category therefore includes persons without a job, business or farm who were not actively looking for work, and who, during the survey week, were either keeping house (unpaid), attending an educational institution (e.g. school or university), retired or voluntarily inactive, permanently unable to work or inmates of institutions. A person who worked less than fifteen hours without pay in a family business during the survey week is also classified as not in the labour force.

#### Industry classification

13. As from the November 1972 issue of this bulletin industry has been classified according to the *Australian Standard Industrial Classification* (ASIC). Industry estimates appearing in earlier bulletins were based on the Classification of Industries used at the 1961 and 1966 population censuses and are therefore not directly comparable with those appearing in the November 1972 and later bulletins.

14. During the changeover to the use of ASIC, industry was classified according to both ASIC and the 1966 Population Census Classification for five consecutive surveys (August 1971 to August 1972). An indication of the relationship between the two classifications was given by Tables 8 and 9 in the combined November 1972 and February 1973 issue of this bulletin.

#### Occupation classification

15. Occupation has been classified according to the *Classification and Classified List of Occupations, Revised June 1971*.

#### Reliability of the estimates

16. Since the estimates in this bulletin are based on information obtained from the occupants of a sample of dwellings, they may differ from the figures that would have been produced if the information had been obtained from occupants of all dwellings. An indication of the likely differences is given in the Technical Note, page 25.

17. Because of the reduction in the size of the sample in November 1975, the sampling variability of the estimates for that survey was larger than usual. Further details can be found in the Technical Note of the November 1975 issue of this bulletin.

#### Revision of estimates

18. The survey estimates are calculated in such a way as to conform to the independently estimated distribution of the population by age and sex. As a consequence, when the population estimates are revised it becomes necessary to revise the labour force estimates also.

19. Prior to the May 1975 issue of this bulletin, published estimates were based on population estimates derived from 1966 census results. They are now based on 1971 census population estimates. Revised estimates of the population aged 15 years and over classified by employment status from February 1964 to May 1975 were shown in Table 1 of the May 1975 issue.

20. All labour force estimates for the period from February 1973 have been calculated on the revised basis and are available on request. For the period August 1966 to November 1972 only the principal labour force categories have been revised. Revisions to rates (e.g. labour force participation rates, unemployment rates), percentage distributions (e.g. by industry) and averages (e.g. average duration of unemployment, average hours worked) have been negligible.

21. Preliminary estimates of population, based on the 1976 population census, were released on 7 April 1977 in *Population and Vital Statistics (Preliminary) : December 1976* (Reference No. 4.16). As explained in that publication, two major changes in the population statistics have been made :

- The definition of *net migration gain* has been changed. It now excludes the effect of short-term movements, that is, movements for periods of less than one year.
- Population Census results for 1971 and 1976 have been adjusted for estimated under-enumeration. (See *Census of Population and Housing, 30 June 1976 : Population of States and Territories adjusted for under-enumeration as shown by post-enumeration survey* (Reference No. 2.02.10)).

More information about these changes can be obtained by reference to the publication. These changes have not yet been incorporated into the population estimates used for the labour force survey. When more detailed population estimates on the new basis become available labour force survey estimates will be revised.

#### Differences between population census and population survey estimates

22. The results of the 1971 population census, which have been published in a series of bulletins entitled *Summary of Population* (Reference No. 2.83), show that the census labour force estimates differ substantially from the corresponding estimates derived from the population surveys of May and August 1971.

23. The definition of the labour force used in the population census is similar to that used in the survey (see paragraphs 8 to 10). However, evidence from census post-enumeration surveys indicates that the personal interview approach, as used in the quarterly survey, tends to identify a larger number of persons as being in the labour force than does the filling in of the questions on the census schedule by the householder, and that this tendency increased between the 1966 and 1971 censuses.

24. These considerations should be borne in mind if comparisons of the total labour force or of labour

force participation rates are made between the 1971 census and the 1971 labour force survey estimates.

#### Estimates for earlier periods

25. Except for Tables 1, 5, 16 and 21, the tables in this bulletin give details only for May 1977. A wider range of detailed estimates for each quarter from February 1964 to November 1976 has been published in bulletins entitled *The Labour Force* (all Reference No. 6.22) covering the period 1964 to 1968 and single years thereafter (except for 1973 and 1974 which were included in the one issue). The estimates appearing in these bulletins for 1973 onwards, unlike the earlier estimates, are based on population benchmarks derived from the 1971 census.

#### Discontinuity of series

26. The survey periods for February in the years 1971, 1972 and 1974 were later than in other years. For details of the effect on survey estimates see the explanatory notes of the November 1975 and earlier issues of this bulletin. The survey period for February 1976 was deferred by one week. As a result, the number of persons who had returned to schools, universities, etc. by the time of the survey was greater than if the survey had been held at the normal time. The estimates are also affected by other seasonal influences. The exact effect is not known, but it is estimated that the figures for unemployed persons and persons in the labour force were reduced by between 5,000 and 10,000 (both original and seasonally adjusted), and the number of persons not in the labour force was correspondingly increased. The number of employed persons is unlikely to have been affected significantly.

27. At the 1971 population census, trainee teachers (enrolled at government teachers colleges and in some cases enrolled also at other institutions) were for the first time classified as not in the labour force, and since then they have also been excluded from labour force estimates derived from the population survey. Exclusion of these students constitutes a break in the series between May and August 1971, the numbers of males and females excluded from the labour force in August 1971 being approximately 7,000 and 17,000 respectively.

28. Because of the effects of cyclone Tracy the population survey was not conducted in Darwin in February 1975. The estimates for that period therefore exclude Darwin. It is estimated that at the time of the survey about 12,000 males and 5,000 females aged 15 years and over were living in Darwin.

#### Seasonally adjusted series

29. Seasonally adjusted figures for selected labour force characteristics are shown in Table 5. Because of problems in seasonally adjusting the numbers of unemployed persons the procedures used were revised as from August 1976. Because there is insufficient length of series available to enable a complete assessment of the reliability of the new method to be made, it would be claiming too much to suggest that these problems have now been wholly overcome, but the revised estimates are at least a considerable improvement over those published previously. A brief explanation of the problems and the adjustment method now used is given below.

30. The method used (the U.S. Bureau of the Census X-11Q) assumes that the amplitude of seasonal change is proportional to the level of the series. Until 1974 this assumption worked very satisfactorily, but following the rapid rise in the level of unemployment in 1974 the proportional relationship appears to have changed very substantially, and the X-11Q method was unable to adapt sufficiently.

31. By considering the series in two parts an estimate of the effect of the change in the proportional relationship has now been made. By means of prior adjustment factors derived from this estimate and applied to the data, the X-11Q program moving averages are now able to accommodate the 1974 change. The resulting seasonal factors reflect one proportional relationship up to 1974 and the other relationship since then.

32. The shape of the seasonal variation since 1974 may have changed as well as the relationship between amplitude and level. (For example, the rise in the original series in August 1976 could be due, at least in part, to a new seasonal pattern.) If it has, the change will have to be handled by the adaptive capacity of the program itself.

33. As from the May 1976 issue of this bulletin the unemployment estimates derived from the population survey have been based on a revised definition. See pages 3 and 4, paragraphs 9 to 16 of the May 1976 bulletin for details. Estimates of unemployment on the revised basis have a different seasonal pattern from those on the old basis. Because only nine quarterly figures on the revised basis were available at the time the current seasonal adjustment factors were calculated it has been necessary to make special estimates for the seasonally adjusted series.

#### Related Publications

34. Users may wish to refer to the Labour Force publications mentioned in paragraph 2, page 2 and in paragraph 25 above. Another publication which may be of interest is the monthly bulletin *Employment and Unemployment* (Reference No. 6.4) which gives estimates of the number of employed wage and salary earners derived from payroll tax returns and Government collections. A list of the publications produced by the ABS is contained in *Publications of the Australian Bureau of Statistics* (Reference No. 1.8) and is available free of charge from any office of the Australian Bureau of Statistics.

#### Symbols and other usages

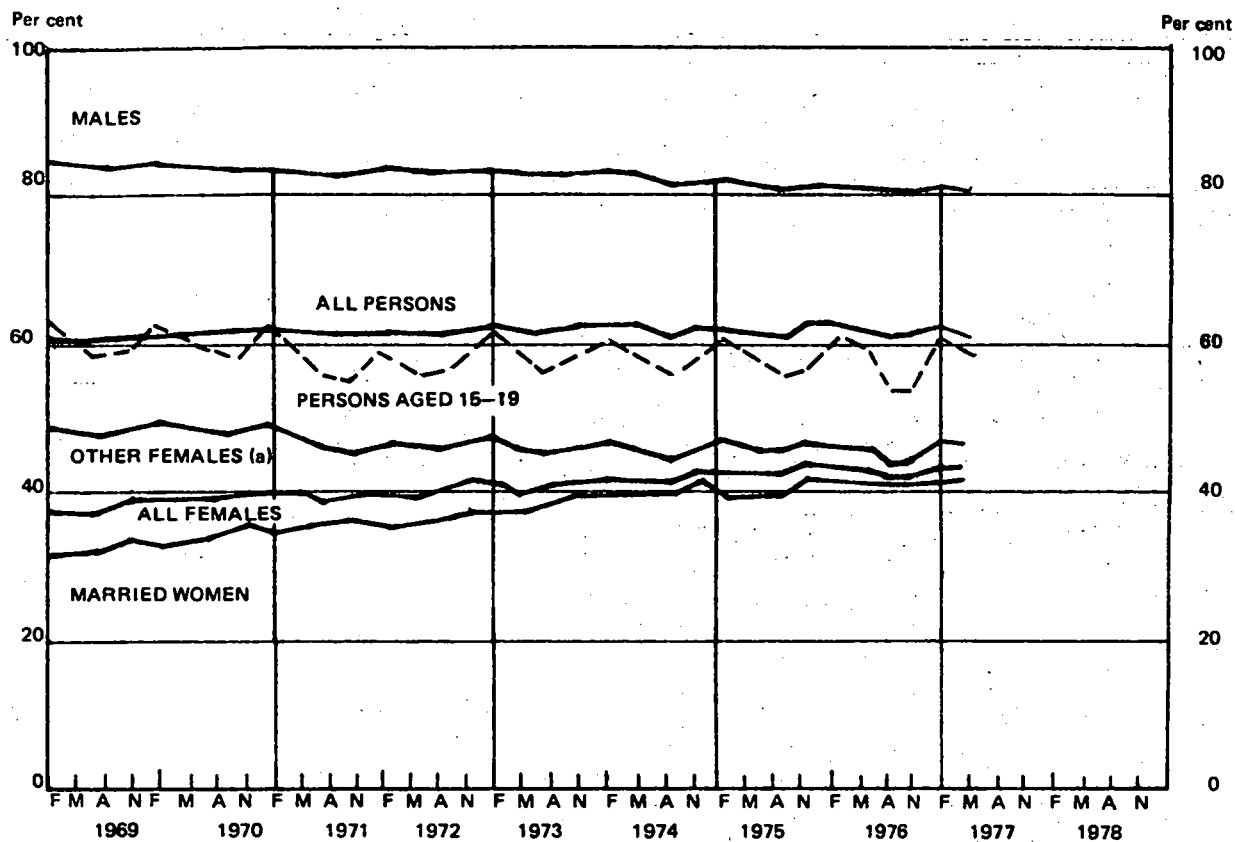
- \* Subject to sampling variability too high for most practical uses. See page 25, paragraph 7.
- † Affected by industrial dispute.
- n.a. Not available.
- .. Not applicable.

Any discrepancies between totals and sums of components in tables are due to rounding.

R. J. CAMERON  
Australian Statistician

# LABOUR FORCE PARTICIPATION RATES

(THE LABOUR FORCE IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER IN THE SAME GROUP)



## UNEMPLOYMENT RATES

(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN LABOUR FORCE IN THE SAME GROUP)

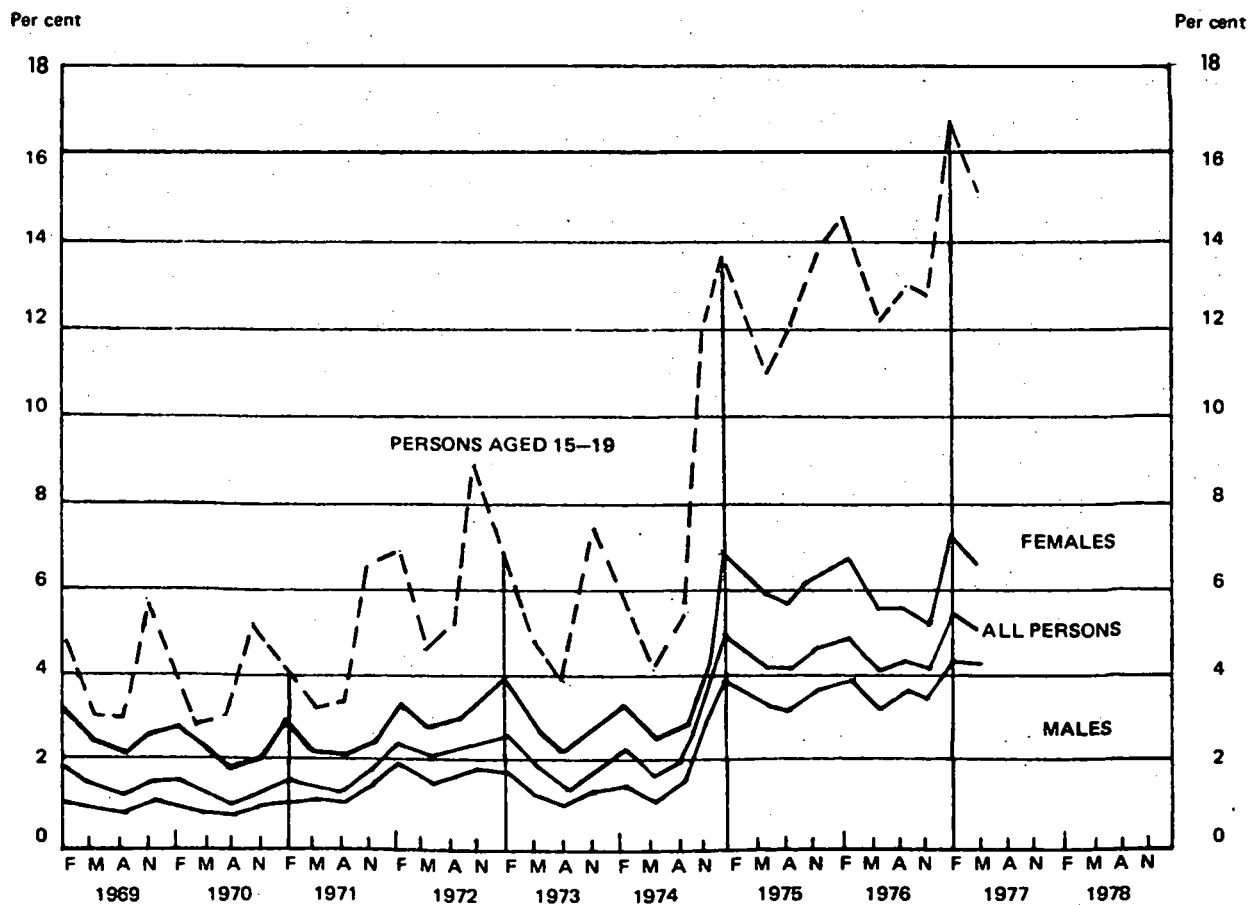


TABLE 1. CIVILIAN POPULATION 15 YEARS OF AGE AND OVER (a), BY EMPLOYMENT STATUS

Month	Employed (b)			Unemployed (b)		Total labour force (b)		Not in labour force (b) ('000)	Civilian population aged 15 and over (a) ('000)
	Agriculture ('000)	Other industries ('000)	Total ('000)	Number ('000)	Per cent of labour force (c)	Number ('000)	Per cent of population (d)		
MALES									
1976 -									
February (e)	294.8	3,509.4	3,804.2	159.5	4.0	3,963.6	81.4	908.5	4,872.1
May	284.2	3,543.9	3,828.1	132.4	3.3	3,960.5	81.0	930.1	4,890.6
August †	282.4	3,485.0	3,767.4	146.2	3.7	3,913.6	80.0	978.6	4,892.2
November	284.4	3,526.0	3,810.4	144.2	3.6	3,954.6	80.2	974.1	4,928.7
1977 -									
February	288.6	3,552.0	3,840.6	173.6	4.3	4,014.2	81.0	944.2	4,958.4
May	290.2	3,534.3	3,824.6	170.3	4.3	3,994.9	80.6	963.6	4,958.4
MARRIED WOMEN									
1976 -									
February (e)	60.1	1,226.9	1,287.0	68.7	5.1	1,355.7	41.5	1,912.3	3,268.0
May	57.1	1,230.7	1,287.8	50.9	3.8	1,338.8	41.0	1,924.4	3,263.2
August †	62.4	1,216.2	1,278.6	51.9	3.9	1,330.5	40.7	1,942.3	3,272.8
November	58.4	1,251.1	1,309.5	42.2	3.1	1,351.7	41.0	1,942.6	3,294.3
1977 -									
February	60.7	1,246.9	1,307.7	67.6	4.9	1,375.2	41.4	1,944.5	3,319.7
May	63.4	1,265.9	1,329.4	61.2	4.4	1,390.6	41.9	1,925.0	3,315.6
OTHER FEMALES (f)									
1976 -									
February (e)	11.6	707.9	719.5	76.3	9.6	795.8	46.9	902.5	1,698.3
May	10.6	714.0	724.6	64.2	8.1	788.8	46.0	926.8	1,715.6
August †	9.8	691.8	701.7	66.1	8.6	767.8	44.6	955.6	1,723.4
November	8.6	701.0	709.7	68.2	8.8	777.8	44.5	969.6	1,747.4
1977 -									
February	12.3	712.7	725.0	93.6	11.4	818.6	46.6	936.3	1,754.9
May	11.7	720.1	731.8	82.2	10.1	814.0	46.1	951.6	1,765.7
ALL FEMALES									
1976 -									
February (e)	71.7	1,934.8	2,006.5	145.0	6.7	2,151.5	43.3	2,814.8	4,966.3
May	67.8	1,944.7	2,012.5	115.1	5.4	2,127.6	42.7	2,851.2	4,978.8
August †	72.2	1,908.0	1,980.2	118.0	5.6	2,098.2	42.0	2,897.9	4,996.1
November	67.1	1,952.1	2,019.2	110.4	5.2	2,129.6	42.2	2,912.2	5,041.7
1977 -									
February	73.0	1,959.6	2,032.7	161.1	7.3	2,193.8	43.2	2,880.8	5,074.6
May	75.2	1,986.0	2,061.2	143.4	6.5	2,204.6	43.4	2,876.7	5,081.3
PERSONS									
1976 -									
February (e)	366.5	5,444.2	5,810.6	304.5	5.0	6,115.1	62.2	3,723.3	9,838.4
May	352.0	5,488.6	5,840.6	247.6	4.1	6,088.1	61.7	3,781.3	9,869.4
August †	354.6	5,393.0	5,747.6	264.1	4.4	6,011.8	60.8	3,876.5	9,888.3
November	351.5	5,478.1	5,829.6	254.6	4.2	6,084.2	61.0	3,886.2	9,970.4
1977 -									
February	361.6	5,511.6	5,873.2	334.8	5.4	6,208.0	61.9	3,825.0	10,033.0
May	365.4	5,520.3	5,885.7	313.7	5.1	6,199.5	61.8	3,840.2	10,039.7

(a) For a note on persons excluded see page 2, paragraph 6. (b) For definitions see pages 2 and 3, paragraphs 7 to 12. (c) The number of unemployed in each group as a percentage of the labour force in the same group. (d) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group (labour force participation rate). (e) See page 4, paragraph 26. (f) Never married, widowed and divorced.

TABLE 2. CIVILIAN POPULATION 15 YEARS OF AGE AND OVER (a), BY EMPLOYMENT STATUS, STATES AND TERRITORIES, MAY 1977

State or Territory	Employed (b)			Unemployed (b)		Total labour force (b)		Not in labour force (b) ('000)	Civilian population aged 15 and over (a) ('000)
	Agriculture ('000)	Other industries ('000)	Total ('000)	Number ('000)	Per cent of labour force (c)	Number ('000)	Per cent of population (d)		
MALES									
New South Wales	82.2	1,266.0	1,348.2	72.3	5.1	1,420.5	80.3	348.3	1,768.8
Victoria	60.4	970.9	1,031.3	39.6	3.7	1,070.9	80.5	259.6	1,330.5
Queensland	63.7	494.3	558.0	25.4	4.4	583.4	80.0	146.2	729.5
South Australia	31.0	322.7	353.7	14.3	3.9	368.0	80.6	88.5	456.5
Western Australia	41.6	294.7	336.3	11.5	3.3	347.8	82.1	76.0	423.8
Tasmania	8.7	104.5	113.2	4.5	3.8	117.6	79.8	29.8	147.5
Northern Territory	2.8	24.5	27.3	*	*	28.3	80.6	6.8	35.1
Australian Capital Territory	*	56.6	56.6	1.8	3.0	58.3	87.5	8.4	66.7
Australia	290.2	3,534.3	3,824.6	170.3	4.3	3,994.9	80.6	963.6	4,958.4
FEMALES									
New South Wales	21.6	703.3	724.9	50.9	6.6	775.8	42.4	1,053.2	1,829.0
Victoria	15.3	564.4	579.7	36.6	5.9	616.3	44.8	760.0	1,376.3
Queensland	15.3	264.2	279.5	20.4	6.8	299.9	40.4	443.1	743.0
South Australia	7.9	190.1	198.1	13.2	6.3	211.3	45.0	258.3	469.6
Western Australia	12.2	167.8	180.0	11.0	5.8	191.0	46.1	223.7	414.8
Tasmania	2.3	52.3	54.6	5.6	9.3	60.2	40.2	89.3	149.5
Northern Territory	*	11.3	11.8	*	*	12.7	43.6	16.5	29.2
Australian Capital Territory	*	32.6	32.6	4.8	12.8	37.4	53.5	32.5	69.9
Australia	75.2	1,986.0	2,061.2	143.4	6.5	2,204.6	43.4	2,876.7	5,081.3
PERSONS									
New South Wales	103.8	1,969.3	2,073.1	123.2	5.6	2,196.3	61.0	1,401.5	3,597.8
Victoria	75.7	1,535.3	1,611.0	76.2	4.5	1,687.2	62.3	1,019.6	2,706.8
Queensland	78.9	758.6	837.5	45.8	5.2	883.3	60.0	589.3	1,472.6
South Australia	38.9	512.9	551.8	27.5	4.8	579.3	62.6	346.8	926.1
Western Australia	53.8	462.5	516.3	22.6	4.2	538.9	64.3	299.7	838.6
Tasmania	11.0	156.8	167.8	10.0	5.6	177.8	59.9	119.2	297.0
Northern Territory	3.4	35.8	39.2	1.9	4.5	41.0	63.8	23.3	64.3
Australian Capital Territory	*	89.2	89.2	6.6	6.8	95.7	70.1	40.9	136.6
Australia	365.4	5,520.3	5,885.7	313.7	5.1	6,199.5	61.8	3,840.2	10,039.7

(a)-(d) See footnotes to Table 1.

\* Subject to sampling variability too high for most practical uses. For an explanation of the standard error of the estimates see pages 25 and 26.



TABLE 3. CIVILIAN POPULATION 15 YEARS OF AGE AND OVER (a),  
BY EMPLOYMENT STATUS, SIX STATE CAPITAL CITIES (e), MAY 1977

City	Employed (b) ('000)	Unemployed (b)		Total labour force (b)		Not in labour force (b) ('000)	Civilian population aged 15 and over (a) ('000)
		Number ('000)	Per cent of labour force (c)	Number ('000)	Per cent of popula- tion (d)		
MALES							
Sydney	835.2	46.0	5.2	881.3	81.4	201.6	1,082.9
Melbourne	760.2	26.6	3.4	786.8	81.2	181.9	968.8
Brisbane	262.2	11.0	4.0	273.3	79.0	72.7	346.0
Adelaide	254.7	10.5	4.0	265.3	79.7	67.4	332.7
Perth	224.6	8.8	3.8	233.4	79.6	59.6	293.0
Hobart	44.7	1.7	3.6	46.4	77.4	13.6	60.0
Total	2,381.8	104.6	4.2	2,486.4	80.6	596.9	3,083.3
FEMALES							
Sydney	494.1	29.4	5.6	523.4	45.4	628.8	1,152.2
Melbourne	452.9	25.8	5.4	478.8	47.0	539.8	1,018.6
Brisbane	143.9	8.5	5.6	152.4	40.4	224.5	376.9
Adelaide	155.1	10.8	6.5	165.9	46.7	189.6	355.4
Perth	135.8	10.4	7.1	146.1	46.8	166.4	312.6
Hobart	25.7	1.9	6.8	27.6	43.8	35.4	63.0
Total	1,407.5	86.7	5.8	1,494.2	45.6	1,784.5	3,278.8
PERSONS							
Sydney	1,329.3	75.4	5.4	1,404.7	62.8	830.4	2,235.1
Melbourne	1,213.1	52.4	4.1	1,265.6	63.7	721.8	1,987.4
Brisbane	406.2	19.5	4.6	425.7	58.9	297.2	722.9
Adelaide	409.8	21.3	4.9	431.1	62.7	257.0	688.1
Perth	360.4	19.1	5.0	379.5	62.7	226.1	605.6
Hobart	70.5	3.6	4.8	74.0	60.2	49.0	123.0
Total	3,789.3	191.3	4.8	3,980.6	62.6	2,381.5	6,362.1

(a)-(d) See footnotes to Table 1. (e) The figures relate to persons residing within the boundaries of the relevant Statistical Divisions. Explanatory notes on the delimitation of urban boundaries and maps showing the boundaries of the capital city Statistical Divisions were published in *Census of Population and Housing, 30 June 1971 - Census Bulletin No. 6*.

TABLE 4. CIVILIAN LABOUR FORCE (a) : EMPLOYMENT STATUS, BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA MAY 1977

Birthplace and period of arrival	Employed (b) ('000)	Unemployed (b)		Total labour force (b)		
		Number ('000)	Per cent of labour force (c)	Number ('000)	Per cent of population (d)	
MALES						
Born in Australia	2,797.2	122.1	4.2	2,919.3	80.6	
Born outside Australia –						
Italy	124.3	9.7	3.7	{ 127.4	87.2	
Greece	60.4				64.0	86.5
Yugoslavia	64.6				67.7	90.8
U.K. and Ireland	382.5	14.3	3.6	396.8	79.8	
Other	395.5	24.2	5.8	419.7	84.8	
Arrived before 1955	290.0	8.3	2.8	298.3	71.4	
1955 to 1961	217.3	7.3	3.2	224.6	90.5	
1962 to 1968	249.2	13.6	5.2	262.8	88.7	
1969 to 1975	237.7	13.0	5.2	250.7	90.4	
Jan. 1976 to May 1977	33.0	6.0	15.4	39.1	82.9	
Total born outside Australia	1,027.4	48.2	4.5	1,075.5	83.6	
MARRIED WOMEN						
Born in Australia	932.8	36.9	3.8	969.7	39.8	
Born outside Australia –						
Italy	42.0	6.7	6.0	{ 43.7	42.9	
Greece	30.9				33.4	56.0
Yugoslavia	31.6				34.2	67.9
U.K. and Ireland	151.2	6.5	4.1	157.7	46.7	
Other	140.9	11.1	7.3	151.9	48.0	
Arrived before 1955	83.0	*	*	86.3	35.7	
1955 to 1961	90.6	5.0	5.2	95.7	50.0	
1962 to 1968	102.7	5.3	4.9	108.0	53.1	
1969 to 1975	109.4	8.1	6.9	117.5	58.0	
Jan. 1976 to May 1977	10.7	*	*	13.4	50.4	
Total born outside Australia	396.6	24.3	5.8	420.9	48.6	
ALL FEMALES						
Born in Australia	1,543.0	102.5	6.2	1,645.5	43.0	
Born outside Australia –						
Italy	51.5	8.6	6.7	{ 54.0	43.4	
Greece	33.2				36.3	51.5
Yugoslavia	35.2				38.2	61.8
U.K. and Ireland	201.6	13.0	6.0	214.5	44.7	
Other	196.7	19.3	9.0	216.1	48.6	
Arrived before 1955	104.3	5.6	5.1	109.9	31.2	
1955 to 1961	113.3	6.4	5.4	119.7	50.3	
1962 to 1968	140.5	11.1	7.3	151.5	54.3	
1969 to 1975	143.8	13.1	8.3	156.9	57.5	
Jan. 1976 to May 1977	16.3	4.7	22.4	21.0	52.1	
Total born outside Australia	518.2	40.9	7.3	559.1	47.3	
PERSONS						
Born in Australia	4,340.2	224.7	4.9	4,564.9	61.3	
Born outside Australia –						
Italy	175.8	5.6	3.1	181.4	67.1	
Greece	93.6	6.6	6.6	100.2	69.5	
Yugoslavia	99.8	6.1	5.7	105.9	77.6	
U.K. and Ireland	584.1	27.3	4.5	611.4	62.5	
Other	592.2	43.5	6.8	635.8	67.6	
Arrived before 1955	394.3	13.9	3.4	408.2	53.0	
1955 to 1961	330.6	13.7	4.0	344.3	70.8	
1962 to 1968	389.7	24.7	6.0	414.3	72.0	
1969 to 1975	381.5	26.1	6.4	407.6	74.1	
Jan. 1976 to May 1977	49.4	10.7	17.9	60.1	68.7	
Total born outside Australia	1,545.5	89.1	5.5	1,634.6	66.2	

(a) Aged 15 years and over. (b) For definitions see page 2, paragraphs 8 to 10. (c) The unemployed in each group as a percentage of the civilian labour force in the same group. (d) The labour force in each group as a percentage of the civilian non-institutionalised population aged 15 years and over in the same group. Persons in institutions for whom, for the purposes of the survey, the institution was regarded as their usual place of residence, have been omitted, since it is not practicable to ascertain the birthplace or period of arrival in Australia for such persons.

\* Less than 4,000. See page 25, paragraph 7.

TABLE 5. SEASONALLY ADJUSTED SERIES

Employed Persons (a) (b) ('000)								
Month	Males		Married women		All females		Total	
	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted	Original	Seasonally adjusted
1964 -								
February	3,217.7	3,204.3	605.8	611.9	1,258.4	1,254.9	4,476.2	4,458.7
May	3,224.1	3,221.6	603.5	608.5	1,256.9	1,262.0	4,481.0	4,484.7
August	3,228.2	3,235.3	613.6	614.1	1,260.2	1,265.5	4,488.4	4,501.0
November	3,243.9	3,252.9	640.3	628.5	1,293.1	1,286.2	4,536.9	4,538.1
1965 -								
February	3,285.7	3,272.0	630.9	637.0	1,312.8	1,309.2	4,598.5	4,580.7
May	3,285.7	3,283.2	653.8	659.3	1,327.3	1,332.7	4,613.0	4,616.8
August	3,292.0	3,299.4	661.0	661.6	1,336.6	1,342.0	4,628.7	4,641.7
November	3,298.1	3,307.2	690.1	677.4	1,373.7	1,366.5	4,671.8	4,672.8
1966 -								
February	3,342.7	3,328.5	681.6	688.1	1,382.2	1,378.4	4,724.9	4,706.8
May	3,351.8	3,349.3	699.4	705.2	1,385.9	1,391.8	4,737.6	4,741.5
August	3,356.8	3,364.6	727.7	728.6	1,416.3	1,421.7	4,773.1	4,786.6
November	3,367.4	3,376.7	748.3	734.4	1,442.7	1,434.8	4,810.1	4,810.6
1967 -								
February	3,395.3	3,380.7	745.6	752.8	1,459.4	1,455.9	4,854.7	4,836.6
May	3,392.7	3,390.0	759.2	765.5	1,462.3	1,468.6	4,855.0	4,858.8
August	3,399.1	3,407.2	778.7	779.8	1,481.9	1,487.6	4,881.0	4,895.2
November	3,423.6	3,433.1	810.3	794.8	1,502.3	1,493.0	4,925.9	4,925.5
1968 -								
February	3,453.5	3,438.5	806.5	814.6	1,514.2	1,511.6	4,967.7	4,950.1
May	3,454.0	3,451.1	817.6	824.0	1,525.8	1,532.5	4,979.8	4,983.7
August	3,456.9	3,465.2	833.1	834.9	1,536.5	1,542.6	4,993.4	5,008.3
November	3,476.3	3,486.2	852.7	835.6	1,551.5	1,540.0	5,027.8	5,025.6
1969 -								
February	3,523.6	3,508.5	867.7	877.0	1,573.5	1,572.3	5,097.1	5,080.6
May	3,529.9	3,526.2	876.5	883.2	1,578.0	1,585.2	5,107.9	5,111.6
August	3,534.0	3,542.9	901.7	904.2	1,596.3	1,603.0	5,130.3	5,146.6
November	3,547.2	3,557.1	951.0	931.1	1,651.4	1,637.0	5,198.6	5,194.0
1970 -								
February	3,606.2	3,591.3	934.4	945.2	1,658.5	1,658.4	5,264.7	5,249.0
May	3,609.0	3,604.5	962.0	968.7	1,682.5	1,690.9	5,291.5	5,295.6
August	3,610.4	3,620.1	987.2	990.5	1,696.6	1,704.3	5,307.0	5,324.9
November	3,612.9	3,622.6	1,040.6	1,018.6	1,748.2	1,731.0	5,361.1	5,354.0
1971 -								
February (d)	3,654.0	3,639.5	1,015.1	1,027.2	1,740.0	1,740.4	5,394.0	5,378.6
May	3,656.7	3,651.1	1,039.6	1,046.1	1,756.7	1,766.0	5,413.4	5,417.4
August (e)	3,644.0	3,655.3	1,048.1	1,051.8	1,736.9	1,745.6	5,380.9	5,401.6
November	3,650.3	3,658.7	1,079.1	1,056.8	1,754.0	1,735.4	5,404.3	5,393.9
1972 -								
February (d)	3,678.6	3,664.8	1,048.4	1,060.6	1,742.2	1,742.6	5,420.8	5,406.2
May (f)	3,686.8	3,680.1	1,064.2	1,069.9	1,745.3	1,754.5	5,432.1	5,435.4
August (f)	3,679.5	3,692.7	1,105.4	1,110.0	1,780.8	1,790.9	5,460.3	5,484.9
November (f)	3,704.8	3,711.8	1,142.8	1,120.4	1,836.5	1,816.5	5,541.3	5,527.1
1973 -								
February	3,733.5	3,720.2	1,131.5	1,143.4	1,839.7	1,839.9	5,573.3	5,559.6
May	3,734.3	3,726.1	1,157.9	1,163.4	1,841.5	1,849.9	5,575.8	5,576.0
August	3,754.8	3,770.7	1,175.2	1,181.0	1,865.5	1,878.3	5,620.3	5,651.9
November †	3,773.7	3,779.3	1,213.8	1,191.2	1,916.9	1,896.0	5,690.6	5,672.2
1974 -								
February (d)	3,812.2	3,799.0	1,220.3	1,231.3	1,936.4	1,935.8	5,748.6	5,735.2
May	3,805.4	3,796.0	1,246.5	1,251.9	1,944.7	1,951.7	5,750.1	5,746.7
August †	3,764.8	3,782.6	1,246.0	1,253.4	1,927.0	1,942.9	5,691.8	5,729.8
November	3,776.2	3,781.2	1,279.6	1,256.9	1,975.5	1,954.1	5,751.7	5,730.8
1975 -								
February (h)	3,773.0	3,759.6	1,227.7	1,236.8	1,931.0	1,929.7	5,704.0	5,690.9
May	3,771.9	3,761.8	1,237.6	1,242.8	1,938.7	1,943.5	5,710.6	5,703.4
August	3,748.2	3,767.3	1,246.5	1,255.1	1,939.9	1,958.6	5,688.1	5,731.7
November (i)	3,769.3	3,773.9	1,304.6	1,281.8	2,029.8	2,007.6	5,799.1	5,775.8
1976 -								
February (d)	3,804.2	3,790.4	1,287.0	1,295.4	2,006.5	2,004.9	5,810.6	5,797.5
May	3,828.1	3,817.6	1,287.8	1,293.0	2,012.5	2,016.1	5,840.6	5,831.3
August †	3,767.4	3,787.2	1,278.6	1,288.4	1,980.2	2,000.8	5,747.6	5,794.4
November	3,810.4	3,814.9	1,309.5	1,286.3	2,019.2	1,996.6	5,829.6	5,804.8
1977 -								
February	3,840.6	3,826.6	1,307.7	1,315.8	2,032.7	2,031.3	5,873.2	5,860.6
May	3,824.6	3,814.0	1,329.4	1,334.6	2,061.2	2,064.2	5,885.7	5,875.4

For footnotes, see page 14.

TABLE 5. SEASONALLY ADJUSTED SERIES – continued  
(Revised Series)

Persons in the labour force (a)(b) ('000)								
Month	Males		Married women		All females		Total	
	Original	Seasonally adjusted (c)	Original	Seasonally adjusted (c)	Original	Seasonally adjusted (c)	Original	Seasonally adjusted (c)
1964 –								
February	3,256.7	3,237.3	622.9	626.1	1,302.4	1,291.2	4,559.2	4,529.1
May	3,254.3	3,254.0	617.3	622.0	1,291.3	1,297.3	4,545.6	4,549.6
August	3,252.2	3,260.9	627.4	628.6	1,288.6	1,299.2	4,540.8	4,562.4
November	3,268.4	3,279.7	652.4	643.2	1,321.7	1,316.3	4,590.1	4,594.7
1965 –								
February	3,313.9	3,294.1	648.1	651.3	1,351.8	1,340.4	4,665.7	4,635.0
May	3,310.2	3,309.7	667.8	672.8	1,358.3	1,364.5	4,668.5	4,672.7
August	3,319.8	3,329.1	674.6	676.0	1,363.1	1,374.0	4,682.9	4,705.2
November	3,331.7	3,343.2	702.5	692.7	1,405.9	1,400.3	4,737.6	4,742.3
1966 –								
February	3,385.0	3,364.5	700.9	704.3	1,426.1	1,414.2	4,811.1	4,779.1
May	3,384.6	3,383.8	716.0	721.0	1,418.4	1,425.0	4,803.0	4,807.8
August	3,392.8	3,403.0	742.4	744.3	1,447.2	1,458.5	4,840.0	4,863.2
November	3,399.8	3,411.4	762.7	752.0	1,477.9	1,471.5	4,877.7	4,881.8
1967 –								
February	3,443.0	3,421.9	766.0	769.7	1,502.7	1,491.1	4,945.7	4,913.3
May	3,432.7	3,431.5	779.8	785.0	1,501.1	1,508.2	4,933.8	4,938.9
August	3,437.2	3,448.4	797.4	799.9	1,516.7	1,528.4	4,953.9	4,978.1
November	3,453.9	3,470.5	826.2	814.2	1,540.8	1,532.9	4,999.7	5,002.2
1968 –								
February	3,497.2	3,475.7	829.9	834.2	1,563.4	1,552.5	5,060.6	5,028.4
May	3,491.6	3,489.7	839.2	844.3	1,566.7	1,574.3	5,058.3	5,063.9
August	3,488.9	3,501.4	851.7	855.3	1,571.4	1,583.8	5,060.3	5,085.8
November	3,511.3	3,522.4	869.3	855.8	1,588.9	1,578.7	5,100.2	5,099.9
1969 –								
February	3,567.0	3,545.2	890.6	895.4	1,622.2	1,612.3	5,189.2	5,157.9
May	3,565.2	3,562.7	899.7	905.0	1,617.7	1,626.0	5,182.9	5,189.1
August	3,565.8	3,580.0	920.9	925.7	1,630.6	1,644.1	5,196.4	5,223.7
November	3,590.0	3,600.0	970.8	954.9	1,694.7	1,681.5	5,284.7	5,281.1
1970 –								
February	3,645.2	3,623.2	960.6	966.0	1,705.9	1,695.9	5,351.1	5,319.5
May	3,642.7	3,640.3	984.0	989.6	1,720.2	1,730.4	5,362.9	5,371.2
August	3,643.8	3,659.5	1,004.2	1,010.3	1,728.1	1,743.4	5,371.9	5,401.6
November	3,652.1	3,660.5	1,058.5	1,040.7	1,784.8	1,768.4	5,436.9	5,429.4
1971 –								
February (d)	3,695.4	3,673.1	1,045.3	1,050.8	1,791.3	1,780.4	5,486.7	5,454.0
May	3,700.3	3,698.6	1,063.7	1,069.7	1,795.4	1,807.7	5,495.7	5,506.7
August (e)	3,683.0	3,700.2	1,069.7	1,076.8	1,772.8	1,790.0	5,455.8	5,488.1
November	3,706.9	3,713.1	1,098.6	1,080.3	1,796.7	1,778.0	5,503.6	5,492.4
1972 –								
February (d)	3,752.8	3,730.1	1,081.5	1,086.3	1,803.3	1,791.2	5,556.1	5,521.3
May (f)	3,747.4	3,746.5	1,092.0	1,098.0	1,794.5	1,808.4	5,541.9	5,555.3
August (f)	3,746.5	3,766.1	1,133.0	1,141.5	1,834.8	1,854.5	5,581.3	5,617.8
November (f)	3,775.0	3,778.7	1,171.0	1,152.0	1,902.0	1,880.3	5,677.0	5,662.2
1973 –								
February	3,801.7	3,778.3	1,171.2	1,174.4	1,916.2	1,901.9	5,717.9	5,679.8
May	3,784.7	3,784.2	1,184.1	1,191.1	1,891.4	1,906.7	5,676.1	5,690.3
August	3,795.6	3,818.2	1,196.7	1,206.9	1,906.1	1,929.5	5,701.7	5,744.3
November †	3,827.8	3,829.1	1,233.2	1,213.6	1,968.2	1,944.1	5,796.0	5,778.5
1974 –								
February (d)	3,868.4	3,843.8	1,252.8	1,254.0	2,000.3	1,983.8	5,868.8	5,826.4
May	3,850.6	3,850.4	1,272.1	1,280.1	1,994.7	2,010.9	5,845.3	5,859.5
August †	3,825.6	3,851.0	1,276.5	1,288.8	1,981.9	2,009.3	5,807.6	5,856.6
November	3,887.6	3,887.4	1,318.2	1,297.5	2,065.1	2,038.2	5,952.7	5,933.2
1975 –								
February (g)(h)	3,924.7	3,892.5	1,297.6	1,298.6	2,071.2	2,052.1	5,995.9	5,942.7
May	3,903.6	3,897.5	1,299.9	1,307.1	2,059.4	2,069.9	5,963.0	5,965.0
August	3,874.5	3,902.2	1,300.2	1,316.8	2,057.3	2,090.7	5,931.8	5,988.6
November (i)	3,908.3	3,919.4	1,369.8	1,344.9	2,165.3	2,140.2	6,073.6	6,069.7
1976 –								
February (d)	3,963.6	3,930.2	1,355.7	1,355.7	2,151.5	2,131.4	6,115.1	6,058.9
May	3,960.5	3,954.1	1,338.8	1,346.3	2,127.6	2,137.8	6,088.1	6,089.0
August †	3,913.6	3,942.9	1,330.5	1,348.5	2,098.2	2,134.1	6,011.8	6,072.2
November	3,954.6	3,965.4	1,351.7	1,326.6	2,129.6	2,103.8	6,084.2	6,079.6
1977 –								
February	4,014.2	3,980.0	1,375.2	1,374.8	2,193.8	2,173.5	6,208.0	6,150.1
May	3,994.9	3,988.3	1,390.6	1,398.5	2,204.6	2,214.7	6,199.5	6,199.8

For footnotes, see page 14.

TABLE 5. SEASONALLY ADJUSTED SERIES – continued  
(Revised Series)

Month	Participation rate (a) (per cent)				Unemployed persons (b)(l) ('000)					
	Males		Females		Males		Females		Total	
	Original (i)	Seasonally adjusted (c)	Original (j)	Seasonally adjusted (c)	Original	Seasonally adjusted (c)	Original	Seasonally adjusted (c)	Original	Seasonally adjusted (c)
1964 –										
February	84.8	84.3	33.7	33.4	39.0	33.1	44.0	36.5	83.0	69.5
May	84.3	84.3	33.2	33.4	30.2	34.0	34.4	36.6	64.6	70.6
August	83.9	84.1	33.0	33.2	24.0	26.8	28.4	34.9	52.4	61.1
November	83.9	84.1	33.6	33.5	24.5	27.2	28.7	31.0	53.2	58.3
1965 –										
February	84.5	84.0	34.2	33.9	28.2	24.1	39.0	32.5	67.3	56.5
May	83.9	83.9	34.2	34.3	24.5	25.9	30.9	31.9	55.5	58.4
August	83.8	84.1	34.1	34.3	27.8	30.7	26.5	31.2	54.2	61.5
November	83.7	84.0	35.0	34.8	33.6	36.6	32.2	34.3	65.8	71.0
1966 –										
February	84.5	84.0	35.2	35.0	42.3	36.2	43.9	36.7	86.2	72.7
May	84.2	84.2	34.9	35.1	32.9	33.7	32.5	34.5	65.4	69.0
August	83.8	84.1	35.3	35.6	36.0	39.2	30.9	37.3	66.9	76.4
November	83.6	83.9	35.9	35.7	32.3	35.5	35.2	36.8	67.5	72.3
1967 –										
February	84.2	83.8	36.2	36.0	47.6	40.9	43.3	36.1	90.9	76.7
May	83.6	83.6	36.0	36.2	40.0	43.0	38.8	40.7	78.8	83.5
August	83.4	83.6	36.3	36.5	38.1	41.5	34.8	40.1	72.9	81.0
November	83.5	83.7	36.6	36.4	35.3	37.2	38.5	40.7	73.8	78.4
1968 –										
February	83.9	83.4	36.9	36.7	43.7	37.7	49.2	41.0	92.9	78.6
May	83.3	83.3	36.8	37.0	37.6	40.0	40.9	42.6	78.5	82.4
August	83.0	83.3	36.8	37.0	31.9	37.1	34.9	41.9	66.9	78.5
November	83.0	83.3	36.9	36.7	35.0	35.0	37.4	38.8	72.4	74.4
1969 –										
February	83.9	83.5	37.5	37.3	43.4	38.0	48.7	40.0	92.1	78.2
May	83.3	83.3	37.2	37.3	35.3	36.2	39.7	41.2	75.0	76.9
August	83.0	83.2	37.3	37.5	31.7	35.2	34.3	41.2	66.0	76.4
November	83.1	83.3	38.5	38.2	43.0	41.6	43.3	45.0	86.3	87.4
1970 –										
February	83.8	83.4	38.5	38.3	38.9	34.2	47.4	38.5	86.3	73.0
May	83.3	83.3	38.7	38.9	33.7	35.1	37.7	39.7	71.4	73.9
August	83.0	83.3	38.7	38.9	33.3	38.1	31.5	38.4	64.8	76.8
November	82.7	82.9	39.6	39.2	39.0	37.0	36.6	37.9	75.6	75.8
1971 –										
February (d)	83.1	82.7	39.5	39.3	41.4	36.3	51.3	41.2	92.7	77.7
May	82.9	82.9	39.5	39.7	43.7	46.6	38.7	40.7	82.4	85.5
August (e)	82.2	82.5	38.8	39.1	39.0	45.3	35.8	42.9	74.9	88.5
November	82.3	82.4	39.1	38.7	56.6	54.7	42.7	43.8	99.3	100.0
1972 –										
February (d)	82.8	82.4	39.0	38.8	74.2	64.6	61.1	48.2	135.3	112.0
May (f)	82.5	82.5	38.7	39.0	60.5	65.0	49.2	54.5	109.7	117.8
August (f)	82.3	82.7	39.5	39.8	67.0	79.0	54.0	66.1	121.0	146.4
November (f)	82.4	82.5	40.7	40.2	70.2	64.4	65.5	65.6	135.7	131.2
1973 –										
February	82.5	82.2	40.7	40.4	68.2	58.6	76.5	59.5	144.6	118.0
May	81.9	81.8	40.1	40.4	50.4	56.4	49.9	54.8	100.3	109.3
August	82.0	82.4	40.3	40.7	40.8	49.7	40.7	50.7	81.5	100.9
November †	82.1	82.1	41.4	40.9	54.1	48.5	51.4	50.0	105.4	99.2
1974 –										
February (d)	82.4	82.0	41.8	41.5	56.3	47.7	63.9	49.0	120.2	96.4
May	81.8	81.7	41.5	41.8	45.2	50.9	50.1	57.4	95.2	107.5
August †	80.8	81.2	41.1	41.5	60.8	72.2	55.0	68.8	115.7	142.6
November	81.4	81.4	42.3	41.8	111.4	105.0	89.6	91.0	201.0	197.9
1975 –										
February (g)(h)	81.8	81.3	42.3	42.0	151.7	130.9	140.1	120.8	291.8	250.6
May	81.2	81.0	42.0	42.2	131.8	139.8	120.7	126.1	252.5	264.4
August	80.5	81.0	41.9	42.5	126.4	139.0	117.4	132.8	243.8	270.9
November (i)	80.7	80.9	43.8	43.4	139.0	141.2	135.5	136.6	274.5	281.7
1976 –										
February (d)	81.4	80.8	43.3	43.0	159.5	136.8	145.0	123.6	304.5	258.7
May	81.0	80.8	42.7	42.9	132.4	141.6	115.1	121.2	247.6	262.0
August †	80.0	80.5	42.0	42.6	146.2	162.4	118.0	133.8	264.1	294.3
November	80.2	80.4	42.2	41.8	144.2	145.6	110.4	111.1	254.6	260.4
1977 –										
February	81.0	80.4	43.2	42.9	173.6	147.8	161.1	136.1	334.8	281.9
May	80.6	80.4	43.4	43.6	170.3	184.0	143.4	151.7	313.7	334.8

For footnotes, see page 14.

TABLE 5. SEASONALLY ADJUSTED SERIES – *continued*  
(Revised Series)

Month	Unemployment rate (k)(l)					
	Males		Females		Persons	
	Original	Seasonally adjusted (c)	Original	Seasonally adjusted (c)	Original	Seasonally adjusted (c)
1964 –						
February	1.2	1.0	3.4	2.8	1.8	1.5
May	0.9	1.0	2.7	2.8	1.4	1.6
August	0.7	0.8	2.2	2.7	1.2	1.3
November	0.7	0.8	2.2	2.4	1.2	1.3
1965 –						
February	0.9	0.7	2.9	2.4	1.4	1.2
May	0.7	0.8	2.3	2.3	1.2	1.2
August	0.8	0.9	1.9	2.3	1.2	1.3
November	1.0	1.1	2.3	2.4	1.4	1.5
1966 –						
February	1.2	1.1	3.1	2.6	1.8	1.5
May	1.0	1.0	2.3	2.4	1.4	1.4
August	1.1	1.2	2.1	2.6	1.4	1.6
November	1.0	1.0	2.4	2.5	1.4	1.5
1967 –						
February	1.4	1.2	2.9	2.4	1.8	1.6
May	1.2	1.3	2.6	2.7	1.6	1.7
August	1.1	1.2	2.3	2.6	1.5	1.6
November	1.0	1.1	2.5	2.7	1.5	1.6
1968 –						
February	1.2	1.1	3.1	2.6	1.8	1.6
May	1.1	1.1	2.6	2.7	1.6	1.6
August	0.9	1.1	2.2	2.6	1.3	1.5
November	1.0	1.0	2.4	2.5	1.4	1.5
1969 –						
February	1.2	1.1	3.0	2.5	1.8	1.5
May	1.0	1.0	2.5	2.5	1.4	1.5
August	0.9	1.0	2.1	2.5	1.3	1.5
November	1.2	1.2	2.6	2.7	1.6	1.7
1970 –						
February	1.1	0.9	2.8	2.3	1.6	1.4
May	0.9	1.0	2.2	2.3	1.3	1.4
August	0.9	1.0	1.8	2.2	1.2	1.4
November	1.1	1.0	2.1	2.1	1.4	1.4
1971 –						
February (d)	1.1	1.0	2.9	2.3	1.7	1.4
May	1.2	1.3	2.2	2.3	1.5	1.6
August	1.1	1.2	2.0	2.4	1.4	1.6
November	1.5	1.5	2.4	2.5	1.8	1.8
1972 –						
February (d)	2.0	1.7	3.4	2.7	2.4	2.0
May (f)	1.6	1.7	2.7	3.0	2.0	2.1
August (f)	1.8	2.1	2.9	3.6	2.2	2.6
November (f)	1.9	1.7	3.4	3.5	2.4	2.3
1973 –						
February	1.8	1.6	4.0	3.1	2.5	2.1
May	1.3	1.5	2.6	2.9	1.8	1.9
August	1.1	1.3	2.1	2.6	1.4	1.8
November †	1.4	1.3	2.6	2.6	1.8	1.7
1974 –						
February (d)	1.5	1.2	3.2	2.5	2.0	1.7
May	1.2	1.3	2.5	2.9	1.6	1.8
August †	1.6	1.9	2.8	3.4	2.0	2.4
November	2.9	2.7	4.3	4.5	3.4	3.3
1975 –						
February (g)(h)	3.9	3.4	6.8	5.9	4.9	4.2
May	3.4	3.6	5.9	6.1	4.2	4.4
August	3.3	3.6	5.7	6.4	4.1	4.5
November (i)	3.6	3.6	6.3	6.4	4.5	4.6
1976 –						
February (d)	4.0	3.5	6.7	5.8	5.0	4.3
May	3.3	3.6	5.4	5.7	4.1	4.3
August †	3.7	4.1	5.6	6.3	4.4	4.8
November	3.6	3.7	5.2	5.3	4.2	4.3
1977 –						
February	4.3	3.7	7.3	6.3	5.4	4.6
May	4.3	4.6	6.5	6.8	5.1	5.4

For footnotes, see page 14.

TABLE 5. SEASONALLY ADJUSTED SERIES – continued  
(Revised Series)

Month	Unemployed persons excluding 15-19 year olds looking for first job (b)(l)					
	Males		Females		Persons	
	Original ( <sup>'000</sup> )	Seasonally adjusted (c) ( <sup>'000</sup> )	Original ( <sup>'000</sup> )	Seasonally adjusted (c) ( <sup>'000</sup> )	Original ( <sup>'000</sup> )	Seasonally adjusted (c) ( <sup>'000</sup> )
1964 –						
February	31.9	28.1	32.9	28.0	64.8	55.9
May	27.3	26.8	28.5	27.4	55.8	54.3
August	21.9	22.0	23.5	26.0	45.4	47.7
November	20.5	24.4	22.6	26.3	43.1	50.9
1965 –						
February	23.5	20.8	30.2	25.7	53.7	46.4
May	23.2	22.7	27.0	25.9	50.2	48.7
August	25.7	25.9	23.3	25.6	49.0	51.5
November	26.6	31.8	23.8	27.9	50.4	59.9
1966 –						
February	36.1	31.8	34.1	29.1	70.2	60.7
May	31.8	30.9	27.3	26.1	59.1	57.0
August	33.9	34.3	26.3	28.9	60.2	63.3
November	26.4	31.6	24.8	29.2	51.2	61.1
1967 –						
February	40.3	35.6	33.6	28.6	74.0	63.9
May	37.3	36.1	33.6	32.1	70.9	68.1
August	36.1	36.8	32.5	35.9	68.5	72.3
November	27.1	32.2	28.3	33.5	55.4	66.3
1968 –						
February	36.0	31.8	40.7	34.4	76.6	66.1
May	35.2	33.9	36.3	34.7	71.4	68.2
August	29.0	30.0	30.5	33.8	59.5	63.4
November	25.1	29.3	26.5	31.4	51.6	61.4
1969 –						
February	38.2	33.9	39.8	33.1	78.0	67.2
May	33.8	32.5	36.1	34.8	69.9	66.5
August	30.3	31.8	30.3	33.9	60.7	65.6
November	30.5	34.8	31.6	37.3	62.0	72.8
1970 –						
February	33.7	29.9	39.1	32.0	72.8	62.4
May	32.0	30.9	34.3	33.5	66.2	63.2
August	31.5	33.8	27.8	31.5	59.3	65.4
November	28.6	31.5	27.6	32.2	56.2	64.5
1971 –						
February (d)	35.0	30.9	43.5	34.9	78.4	66.3
May	41.2	40.5	36.1	36.0	77.3	75.0
August	36.8	40.1	33.3	38.2	70.1	78.8
November	45.7	49.0	32.7	37.6	78.4	87.8
1972 –						
February (d)	63.1	55.0	52.3	41.1	115.4	96.0
May (f)	57.4	57.7	43.8	44.7	101.2	100.4
August (f)	63.1	70.0	49.2	57.2	112.2	128.5
November (f)	53.0	55.3	49.0	55.3	102.0	111.3
1973 –						
February	59.0	50.6	66.6	51.4	125.6	102.6
May	47.2	48.7	46.0	48.1	93.2	95.0
August	37.2	41.7	36.5	43.0	73.7	85.5
November †	39.5	40.5	36.1	40.1	75.6	81.0
1974 –						
February (d)	49.1	41.4	55.1	41.9	104.2	83.5
May	42.5	44.9	44.3	47.2	86.8	90.7
August †	57.3	65.0	49.3	58.9	106.7	125.3
November	<u>94.5</u>	<u>95.5</u>	<u>73.3</u>	<u>80.1</u>	<u>167.8</u>	<u>177.0</u>
1975 –						
February (g)(h)	135.3	119.9	120.7	105.8	256.0	224.7
May	122.8	127.0	106.9	109.5	229.7	235.0
August	118.0	126.3	101.5	113.1	219.5	239.2
November (i)	126.8	130.5	116.2	118.1	243.1	251.9
1976 –						
February (d)	142.0	125.2	122.3	106.4	264.3	229.9
May	123.0	128.3	100.4	103.4	223.4	231.0
August †	133.7	143.7	104.2	116.9	237.9	260.3
November	129.0	132.0	94.5	95.5	223.5	230.5
1977 –						
February	150.5	132.4	131.2	113.8	281.6	244.3
May	155.0	162.4	122.6	126.7	277.6	288.5

(a) The methods used in seasonally adjusting this series are explained in *Seasonally Adjusted Indicators, 1977* to be issued shortly. (b) Civilians aged 15 years and over. For definitions see page 2, paragraphs 8 to 10. (c) Revised following annual re-analysis of series. (d) See page 4, paragraph 26. (e) See page 4, paragraph 27. (f) New sample introduced, phased in over 3 surveys, May to November 1972, resulting in some discontinuity in series. (g) From February 1975 the estimates are based on the revised definition resulting in discontinuity between November 1974 and February 1975. See pages 2 and 3, paragraphs 7 to 14 of the May 1976 issue of this bulletin. (h) Excludes Darwin. See page 4, paragraph 28. (i) The sample size was reduced for this survey. Consequently the standard errors are larger than usual. See page 2, paragraph 5 and page 25, paragraph 3. (j) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group. (k) The unemployed in each group as a percentage of the civilian labour force in the same group. (l) See page 4, paragraphs 29 to 33.

TABLE 6. CIVILIAN LABOUR FORCE (a), BY AGE, MAY 1977

Age group (years)	Number ('000)				Per cent of population (b)			
	Males	Married women	All females	Persons	Males	Married women	All females	Persons
15-19	397.4	21.3	347.0	744.4	62.7	53.4	56.5	59.7
20-24	521.7	190.8	388.7	910.4	90.7	56.9	68.0	79.4
25-34	1,043.6	399.0	511.1	1,554.7	97.1	44.0	48.6	73.1
35-44	775.3	375.1	425.3	1,200.6	97.0	54.1	55.5	76.7
45-54	728.7	296.6	360.5	1,089.1	93.9	46.6	48.2	71.5
55-59	278.5	74.2	104.3	382.8	86.7	29.2	31.5	58.7
60-64	178.9	25.6	45.2	224.0	65.7	12.8	15.4	39.7
65 and over	70.9	8.1	22.7	93.5	14.0	3.2	3.2	7.7
Total	3,994.9	1,390.6	2,204.6	6,199.5	80.6	41.9	43.4	61.8

(a) Civilians aged 15 years and over. For definition see page 2, paragraphs 8 to 10. (b) The labour force in each group as a percentage of the civilian population in the same group (labour force participation rate).

TABLE 7. LABOUR FORCE PARTICIPATION RATES (a), BY AGE AND BIRTHPLACE, MAY 1977  
(Per cent)

Age group (years)	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-19	63.2	57.4	60.3	62.9	52.8	57.9
20-24	91.8	68.5	80.3	90.4	67.3	78.4
25-34	97.7	46.8	72.1	97.2	54.0	76.8
35-44	97.0	52.5	74.7	97.9	62.7	81.5
45-54	93.9	46.3	69.8	95.3	53.9	76.6
55-59	86.8	30.6	57.8	88.8	35.3	63.0
60-64	64.4	16.3	38.7	71.8	12.6	44.4
65 and over	15.5	3.6	8.5	12.3	3.2	7.6
Total	80.6	43.0	61.3	83.6	47.3	66.2

(a) The labour force in each group as a percentage of the civilian non-institutionalised population aged 15 years and over in the same group. Persons in institutions for whom, for the purposes of the survey, the institution was regarded as their usual place of residence, have been omitted, since it is not practicable to ascertain the birthplace of such persons.

TABLE 8. EMPLOYED PERSONS (a), BY HOURS WORKED (b), MAY 1977

	Males	Married women	Other females (c)	All females	Persons
'000 PERSONS					
Hours worked -					
0 (d)	310.4	170.1	57.8	227.9	538.3
1-15	109.8	218.4	74.3	292.8	402.6
16-29	135.6	215.7	49.7	265.3	400.9
30-34	170.2	95.0	43.4	138.4	308.6
35-39	407.2	161.7	139.0	300.7	707.8
40	1,530.5	348.9	288.4	637.3	2,167.8
41-44	188.5	22.1	30.5	52.7	241.2
45-48	292.8	28.0	20.5	48.6	341.4
49 and over	679.6	69.4	28.2	97.6	777.2
Total	3,824.6	1,329.4	731.8	2,061.2	5,885.7
Full-time workers (e)	3,641.1	777.6	595.5	1,373.1	5,014.2
Part-time workers (e)	183.4	551.8	136.3	688.1	871.5
MILLION HOURS					
Aggregate weekly hours worked (f)	148.5	36.0	23.6	59.6	208.1

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) Actual hours worked during survey week, not hours paid for. The figures may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, accidents and industrial disputes; and work stoppages due to bad weather, plant breakdown, etc. (c) Never married, widowed and divorced. (d) Excludes persons laid off without pay for the whole of survey week; these persons are classified as unemployed. (e) For definitions see page 2, paragraph 11. (f) When recording hours worked, fractions of an hour are disregarded. This procedure results in a slight lowering of the figures.



TABLE 9. EMPLOYED PERSONS (a), BY OCCUPATION (b), MAY 1977  
(\*000)

Major and Minor Occupation Groups (b)	Males	Married women	Other females (c)	All females	Persons
<b>PROFESSIONAL AND TECHNICAL</b>	434.8	210.4	142.6	353.1	787.9
Architects, Engineers and Surveyors, Professional (d)	59.9	*	*	*	61.1
Chemists, Physicists, Geologists and Other Physical Scientists	12.1	*	*	*	12.6
Biologists, Veterinarians, Agronomists and Related Scientists	6.4	*	*	*	8.0
Medical Practitioners and Dentists	22.7	*	*	4.5	27.2
Nurses, including Probationers or Trainees	8.7	63.7	63.6	127.3	136.0
Professional Medical Workers, n.e.c.	11.2	6.8	5.1	11.8	23.0
Teachers	99.5	100.3	45.0	145.3	244.8
Clergy and Related Members of Religious Orders	10.9	*	*	*	12.4
Law Professionals	14.3	*	*	*	16.2
Artists, Entertainers, Writers and Related Workers	29.2	8.7	6.8	15.5	44.7
Draftsmen and Technicians, n.e.c. (d)	85.7	11.3	8.6	19.9	105.7
Other Professional, Technical and Related Workers	74.3	12.4	9.4	21.8	96.1
<b>ADMINISTRATIVE, EXECUTIVE AND MANAGERIAL</b>	308.4	32.2	11.2	43.4	351.8
Administrative and Executive Officials, Government, n.e.c.	14.2	*	*	*	14.8
Employers, Workers on Own Account, Directors, Managers, n.e.c.	294.2	31.7	11.0	42.8	337.0
<b>CLERICAL</b>	331.8	409.7	286.4	696.1	1,027.9
Book-keepers and Cashiers	42.2	77.4	39.6	117.0	159.2
Stenographers and Typists	*	113.4	90.5	203.9	204.8
Other Clerical Workers	288.7	218.9	156.3	375.2	663.9
<b>SALES</b>	247.0	163.4	101.7	265.1	512.1
Insurance, Real Estate Salesmen, Auctioneers and Valuers	37.1	*	*	*	40.5
Commercial Travellers and Manufacturers Agents	48.5	*	*	4.3	52.8
Proprietors and Shopkeepers, Workers on Own Account, n.e.c., Retail and Wholesale Trade; Salesmen, Shop Assistants and Related Workers	161.4	157.8	99.6	257.4	418.8
<b>FARMERS, FISHERMEN, TIMBER-GETTERS, ETC. (e)</b>	338.8	58.0	11.9	69.9	408.7
Farmers and Farm Managers	211.6	57.8	11.8	69.5	246.6
Farm Workers, including Farm Foremen	111.0	*	*	*	145.6
Fishermen and Related Workers	6.6	*	*	*	6.8
Timber-Getters and Other Forestry Workers	8.7	*	*	*	8.7
<b>MINERS, QUARRYMEN AND RELATED WORKERS (e)</b>	35.4	*	*	*	35.6
Miners, Mineral Prospectors and Quarrymen	29.0	*	*	*	29.2
Mineral Treaters	4.5	*	*	*	4.5
<b>TRANSPORT AND COMMUNICATION (e)</b>	294.4	33.1	14.7	47.8	342.2
Deck and Engine Room Hands, Ship and Boatmen, not Services	4.3	*	*	*	4.5
Drivers and Firemen, Rail Transport	11.7	*	*	*	11.7
Drivers, Road Transport	210.9	8.1	*	10.1	221.0
Guards and Conductors, Railway	4.4	*	*	*	4.4
Inspectors, Supervisors, Traffic Controllers and Despatchers, Transport	23.6	*	*	*	24.6
Telephone, Telegraph and Related Telecommunication Operators	4.1	19.5	10.0	29.5	33.6
Postmasters, Postmen and Messengers	26.1	4.4	*	6.3	32.4
Workers in Transport and Communication, n.e.c.	4.2	*	*	*	4.9

For footnotes see next page.

TABLE 9. EMPLOYED PERSONS (a), BY OCCUPATION (b), MAY 1977 - *continued*  
(000)

<i>Major and Minor Occupation Groups (b)</i>	<i>Males</i>	<i>Married women</i>	<i>Other females (c)</i>	<i>All females</i>	<i>Persons</i>
TRADESMEN, PRODUCTION-PROCESS WORKERS AND LABOURERS, N.E.C. (e)	1,626.5	181.0	54.8	235.8	1,862.3
Spinners, Weavers, Knitters, Dyers and Related Workers	12.3	10.6	*	13.3	25.6
Tailors, Cutters, Furriers and Related Workers	19.0	44.3	13.0	57.3	76.3
Leather Cutters, Lasters, Sewers (except Gloves and Garments) and Related Workers	7.2	6.4	*	9.2	16.4
Furnacemen, Rollers, Drawers, Moulders and Related Metal Making and Treating Workers	17.7	*	*	*	18.4
Precision Instrument Makers, Watchmakers, Jewellers and Related Workers	17.0	*	*	*	19.4
Toolmakers, Metal Machinists, Mechanics, Plumbers and Related Metal Workers	418.7				431.8
Electricians and Related Electrical and Electronic Workers	156.6	36.4	6.3	42.7	158.2
Metal Workers, Metal and Electrical Production-Process Workers, n.e.c.	61.5				89.4
Carpenters, Woodworking Machinists, Cabinetmakers and Related Workers	135.9	*	*	*	137.8
Painters and Decorators	59.5	*	*	*	61.0
Bricklayers, Plasterers and Construction Workers, n.e.c.	134.8	*	*	*	135.5
Compositors, Printing Machinists, Engravers, Bookbinders and Related Workers	37.8	5.2	*	7.9	45.7
Potters, Kilnmen, Glass and Clay Formers and Related Workers	8.7	*	*	*	10.9
Millers, Bakers, Butchers, Brewers and Related Food and Drink Workers	95.9	15.9	4.1	20.0	115.8
Chemical, Sugar and Paper Production-Process Workers	20.7	*	*	4.3	24.9
Paper Products, Rubber, Plastic and Production-Process Workers, n.e.c.	37.8	14.2	5.4	19.6	57.4
Packers, Wrappers, Labellers	20.5	28.9	10.9	39.8	60.3
Stationary Engine, Excavating and Lifting Equipment Operators	93.0	*	*	*	93.5
Storemen and Freight Handlers	117.6	*	*	5.0	122.5
Labourers, n.e.c.	154.1	*	*	4.3	158.4
SERVICE, SPORT AND RECREATION (e)	207.5	241.4	108.4	349.8	557.3
Fire Brigade, Police and Other Protective Service Workers	53.3	*	*	*	56.6
Housekeepers, Cooks, Maids and Related Workers	26.6	110.6	44.3	154.9	181.5
Waiters, Bartenders	24.0	30.8	19.3	50.2	74.2
Caretakers, Cleaners : buildings	50.7	47.5	11.1	58.5	109.2
Barbers, Hairdressers and Beauticians	7.8	11.1	11.6	22.7	30.5
Launderers, Dry Cleaners and Pressers	*	8.5	*	11.4	14.7
Athletes, Sportsmen and Related Workers	6.3	*	*	*	9.8
Photographers and Camera Operators	5.2	*	*	*	6.5
Service, Sport, Recreation Workers, n.e.c.	28.7	29.6	14.6	44.2	73.0
<b>TOTAL</b>	<b>3,824.6</b>	<b>1,329.4</b>	<b>731.8</b>	<b>2,061.2</b>	<b>5,885.7</b>

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) See page 3, paragraph 15. (c) Never married, widowed and divorced. (d) Caution should be used in comparing these estimates with results from population censuses which use different coding procedures. For the population censuses, minor occupation group 'Architects, engineers and surveyors, professional' was limited solely to persons holding a university degree. Other persons describing themselves in professional terms but not holding a degree were classified to minor group 'Draftsmen and technicians, n.e.c.'. No such coding rules were possible for the labour force survey. (e) Includes some minor occupation groups which have not been listed separately.

\* Less than 4,000. See page 25, paragraph 7.

TABLE 10. AVERAGE WEEKLY HOURS WORKED (a) BY EMPLOYED PERSONS (b), MAY 1977

	Males	Married women	Other females (c)	All females	Persons
Industry division or sub-division –					
Agriculture	49.2	24.7	38.2	26.8	44.6
Forestry, fishing and hunting	31.9	*	*	*	31.6
Mining	39.6	*	*	32.2	39.0
Manufacturing	38.5	32.5	34.8	33.1	37.1
Food, beverages and tobacco	38.3	31.5	33.3	32.0	36.7
Metal products, machinery and equipment	37.6	33.6	36.7	34.3	37.1
Other manufacturing	38.8	32.6	35.0	33.1	37.2
Construction	38.3	17.1	36.9	20.2	36.9
Wholesale and retail trade	40.1	29.0	31.1	29.8	35.9
Transport and storage	38.1	24.7	35.7	28.8	36.8
Finance, insurance, real estate and business services	38.5	26.5	34.6	30.4	34.8
Community services (d)(e)	33.8	23.5	30.8	26.2	29.0
Entertainment, recreation, restaurants, hotels and personal services	39.0	25.4	29.6	26.9	32.1
Other industries (f)	35.1	28.9	34.6	31.5	34.1
Occupation group –					
Professional and technical (e)	35.2	22.4	30.8	25.8	31.0
Administrative, executive and managerial	45.8	40.7	41.9	41.0	45.2
Clerical	35.6	26.4	34.1	29.6	31.5
Sales	39.8	29.2	29.2	29.2	34.3
Farmers, fishermen, timber-getters, etc.	46.7	26.1	37.7	28.0	43.5
Transport and communication	38.9	28.9	33.5	30.3	37.7
Tradesmen, production-process workers and labourers, n.e.c. (g)	37.7	33.4	35.1	33.7	37.2
Metal and electrical workers	38.1	35.7	39.5	36.3	38.0
Building workers	37.9	*	*	27.3	37.8
Other tradesmen, etc.	37.2	32.9	34.5	33.3	36.3
Service, sport and recreation	35.8	24.2	29.0	25.7	29.5
Wage and salary earners	37.1	26.9	32.1	28.9	34.1
Other (h)	46.9	28.0	36.9	29.1	42.2
Full-time workers (i)	40.1	36.2	36.6	36.3	39.1
Part-time workers (i)	14.0	14.2	13.5	14.1	14.1
Total employed	38.8	27.1	32.3	28.9	35.4

(a) Persons with jobs who did not work during survey week have been included in the calculation of average weekly hours worked. When recording hours worked, fractions of an hour are disregarded. This procedure results in a slight lowering of the average hours figures. (b) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (c) Never married, widowed and divorced. (d) Comprises health; education, libraries, etc.; welfare and religious institutions; and other community services. (e) In May and August each year estimates are low as average hours worked by school teachers are affected by school holidays. (f) Comprises electricity, gas and water; communication and public administration and defence. (g) Includes miners, quarrymen and related workers. (h) Employers, self-employed and unpaid family helpers. (i) For definitions see page 2, paragraph 11.

\* Based on a figure less than 4,000. See page 25, paragraph 7.

TABLE 11. FULL-TIME WORKERS (a) WHO WORKED LESS THAN 35 HOURS BY REASON, MAY 1977 ('000)

Reason for working less than 35 hours	Males	Married women	Other females (b)	All females	Persons
Leave or holiday	381.5	114.5	67.0	181.5	563.0
Own illness or injury	97.9	26.2	17.2	43.5	141.4
Bad weather, breakdown, etc.	34.3	*	*	*	36.4
Began or lost job in survey week	11.0	*	*	5.7	16.7
On short time	5.7	*	*	*	8.3
Other reasons (c)	12.2	*	*	*	13.1
Total	542.6	147.4	88.8	236.3	778.9

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 11. (b) Never married, widowed and divorced. (c) Comprises direct or indirect involvement in industrial disputes, including disputes not at place of employment.

\* Less than 4,000. See page 25, paragraph 7.

**TABLE 12. PART-TIME WORKERS (a) BY REASON FOR WORKING PART-TIME  
AND AGE, MAY 1977  
(000)**

Reason	Age group (years)						Total
	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 and over	
MALES							
Preferred part-time work	45.6	21.1	17.7	7.0	10.9	41.4	143.6
Lack of work	6.4	5.2	6.9	5.8	4.9	*	31.3
Other reasons	*	*	*	*	*	*	8.5
Total	53.7	27.3	26.0	14.4	16.5	45.6	183.4
MARRIED WOMEN							
Preferred part-time work	*	31.1	158.0	153.0	116.8	46.5	508.1
Lack of work	*	*	4.8	7.7	6.8	*	25.9
Other reasons	*	*	8.2	4.9	*	*	17.8
Total	*	36.3	171.0	165.5	125.7	49.4	551.8
ALL FEMALES							
Preferred part-time work	53.7	46.8	167.9	160.1	128.8	65.5	622.8
Lack of work	8.6	6.4	6.6	8.6	8.2	*	41.1
Other reasons	*	*	9.2	5.4	*	*	24.1
Total	64.5	55.3	183.7	174.1	139.5	71.0	688.1
PERSONS							
Preferred part-time work	99.3	67.9	185.6	167.0	139.8	106.9	766.5
Lack of work	15.0	11.5	13.4	14.5	13.2	4.9	72.5
Other reasons	*	*	10.7	7.0	*	4.8	32.6
Total	118.2	82.5	209.7	188.5	156.1	116.5	871.5

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 11.

\* Less than 4,000. See page 25, paragraph 7.

TABLE 13. EMPLOYED MARRIED WOMEN (a), BY INDUSTRY AND HOURS WORKED (b), MAY 1977 ('000)

Industry division or sub-division	Part-time workers (c)			Total	Full-time workers (c)	Total
	Hours worked (b)					
	Under 16	16-29	30-34			
Agriculture	23.2	9.7	*	35.9	27.5	63.4
Manufacturing	21.6	18.8	8.1	48.5	195.6	244.1
Construction	15.6	5.5	*	21.8	8.1	29.9
Wholesale and retail trade	66.8	53.3	13.4	133.4	158.5	291.9
Transport and storage	10.1	*	*	12.9	14.5	27.4
Finance, insurance, real estate and business services	25.2	14.6	6.1	45.9	62.1	108.0
Community services (d)	77.3	52.0	20.8	150.2	199.0	349.2
Entertainment, recreation, restaurants, hotels and personal services	48.4	29.3	5.3	83.0	54.2	137.2
Other industries (e)	9.1	8.3	*	20.2	58.0	78.2
Total	297.3	193.3	61.1	551.8	777.6	1,329.4

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 9. (b) See note (b) to Table 8. (c) For definitions see page 2, paragraph 11. (d) Comprises health; education, libraries, etc.; welfare and religious institutions; and other community services. (e) Comprises forestry, fishing and hunting; mining; electricity, gas and water; communication; and public administration and defence.

\* Less than 4,000. See page 25, paragraph 7.

TABLE 14. UNEMPLOYED PERSONS (a), BY AGE, MAY 1977

Age group (years)	Number unemployed ('000)					Per cent of labour force (b)				
	Married males	All males	Married women	All females	Persons	Married males	All males	Married women	All females	Persons
15-19 -										
Looking for first job	*	15.3	*	20.8	36.2	..	..	..	..	..
Other	*	40.2	*	37.0	77.3	..	..	..	..	..
<b>Total 15-19</b>	<b>*</b>	<b>55.6</b>	<b>*</b>	<b>57.9</b>	<b>113.5</b>	<b>* -</b>	<b>14.0</b>	<b>*</b>	<b>16.7</b>	<b>15.2</b>
20 and over -										
20-24	5.7	35.5	12.1	27.7	63.2	3.2	6.8	6.3	7.1	6.9
25-34	15.5	28.6	19.5	25.4	54.0	1.9	2.7	4.9	5.0	3.5
35-44	16.6	22.2	16.6	19.0	41.2	2.4	2.9	4.4	4.5	3.4
45-54	10.7	15.9	7.8	11.0	27.0	1.7	2.2	2.6	3.1	2.5
55 and over	9.3	12.5	*	*	15.0	2.1	2.4	*	*	2.1
<b>Total 20 and over</b>	<b>57.8</b>	<b>114.7</b>	<b>57.6</b>	<b>85.6</b>	<b>200.3</b>	<b>2.1</b>	<b>3.2</b>	<b>4.2</b>	<b>4.6</b>	<b>3.7</b>
<b>Total</b>	<b>58.1</b>	<b>170.3</b>	<b>61.2</b>	<b>143.4</b>	<b>313.7</b>	<b>2.1</b>	<b>4.3</b>	<b>4.4</b>	<b>6.5</b>	<b>5.1</b>

(a) Civilians aged 15 years and over. For definition see page 2, paragraph 10. (b) The unemployed in each group as a percentage of the civilian labour force in the same group.

\* Less than or based on a figure less than 4,000. See page 25, paragraph 7.

TABLE 15. UNEMPLOYED PERSONS (a), BY AGE AND BIRTHPLACE, MAY 1977

Age group (years)	Number unemployed ('000)			Per cent of labour force (b)		
	Males	Females	Persons	Males	Females	Persons
BORN IN AUSTRALIA						
15-19	47.7	49.3	97.0	13.9	16.3	15.0
20 and over -						
20-24	27.2	21.2	48.4	6.3	6.7	6.5
25-34	16.8	14.7	31.5	2.3	4.1	2.9
35 and over	30.4	17.3	47.7	2.2	2.6	2.3
Total 20 and over	74.4	53.2	127.6	2.9	4.0	3.3
Total	122.1	102.5	224.7	4.2	6.2	4.9
BORN OUTSIDE AUSTRALIA						
15-19	7.9	8.6	16.4	14.8	19.5	16.9
20 and over -						
20-24	8.3	6.4	14.8	9.4	9.0	9.2
25-34	11.8	10.6	22.5	3.9	7.0	4.9
35 and over	20.1	15.3	35.4	3.2	5.2	3.9
Total 20 and over	40.3	32.3	72.7	3.9	6.3	4.7
Total	48.2	40.9	89.1	4.5	7.3	5.5

(a) See note (a) to Table 14. (b) The unemployed in each group as a percentage of the civilian labour force in the same group.

TABLE 16. UNEMPLOYMENT RATES (a), STATE CAPITAL CITIES AND OTHER AREAS (b)  
(Per cent)

Month	State capital cities (b)			Other areas (b)		
	Males	Females	Persons	Males	Females	Persons
1976 -						
February (c)	4.1	6.1	4.9	3.9	8.1	5.2
May	3.3	5.1	3.9	3.5	6.2	4.3
August	3.7	4.9	4.1	3.8	7.2	4.9
November	3.5	4.6	3.9	3.9	6.4	4.7
1977 -						
February	4.4	6.9	5.3	4.2	8.3	5.5
May	4.2	5.8	4.8	4.4	8.0	5.5

(a) The unemployed in each group as a percentage of the civilian labour force in the same group. See note (a) to Table 14. (b) The figures relate to persons residing within the boundaries of the relevant Statistical Divisions. Explanatory notes on the delimitation of urban boundaries and maps showing the boundaries of the capital city Statistical Divisions were published in *Census of Population and Housing, 30 June 1971 - Census Bulletin No. 6*. (c) See page 4, paragraph 26.

TABLE 17. UNEMPLOYMENT RATES (a), BY INDUSTRY AND OCCUPATION, MAY 1977  
(Per cent)

Industry division or sub-division (b)	Unemployment rate	Occupation group (c)	Unemployment rate
Agriculture	4.4	Professional and technical	2.1
Manufacturing	5.5	Administrative, executive and managerial	1.3
Food, beverages and tobacco	6.4	Clerical	3.3
Metal products, machinery and equipment	4.9	Sales	6.2
Other manufacturing	5.4	Farmers, fishermen, timber-getters, etc.	4.9
Construction	5.4	Miners and quarrymen	*
Wholesale and retail trade	5.3	Transport and communication	3.0
Transport and storage	2.9	Tradesmen, production-process workers and labourers, n.e.c.	5.9
Finance, insurance, real estate and business services	3.0	Metal and electrical workers	3.6
Community services (d)	2.4	Building workers	6.0
Entertainment, recreation, restaurants		Other tradesmen, etc.	7.7
hotels and personal services	7.5	Service, sport and recreation	6.0
Other industries (e)	2.8		
Total (f)	5.1	Total (f)	5.1

(a) The unemployed in each group as a percentage of the civilian labour force in the same group. See note (a) to Table 14. (b) Based on industry of last job. (c) Based on occupation of last job. (d) See note (d) to Table 13. (e) See note (e) to Table 13. (f) Includes those looking for their first job.

\* Based on a figure less than 4,000. See page 25, paragraph 7.

TABLE 18. UNEMPLOYED PERSONS (a), BY DURATION OF UNEMPLOYMENT (b), BY AGE, ETC., MAY 1977

Duration of unemployment (b)	Age (years)			Married	Not married (c)	Looking for -		Total
	15-19	20-24	25 and over			Full-time work (d)	Part-time work (e)	
MALES								
Number unemployed ('000) -								
Under 2 weeks	*	*	5.8	4.0	6.9	8.8	4.9	{ 10.9
2 and under 4 weeks	9.1	6.4	10.3	8.4	17.4	22.9		
4 and under 8 weeks	7.2	6.7	13.8	9.4	18.2	26.1	5.8	{ 27.6
8 and under 13 weeks	8.4	7.4	13.1	11.5	17.4	27.7		
13 and under 26 weeks	17.2	6.0	12.9	10.0	26.1	33.2	*	{ 36.2
26 and under 39 weeks	5.8	4.1	8.3	5.9	12.3	17.0		
39 and under 52 weeks	*	*	4.0	*	*	5.4	*	5.4
52 and under 65 weeks	*	*	4.7	*	5.6	8.4	*	8.7
65 weeks and over	*	*	6.2	*	5.0	7.8	*	8.7
Total	55.6	35.5	79.2	58.1	112.2	157.4	13.0	170.3
Average duration of unemployment (f) (weeks)	16.8	15.1	21.2	19.7	17.9	18.7	15.4	18.5
FEMALES								
Number unemployed ('000) -								
Under 2 weeks	*	*	5.8	6.8	4.2	7.6	*	11.0
2 and under 4 weeks	7.5	5.1	9.8	10.4	12.0	14.8	7.6	22.4
4 and under 8 weeks	7.4	4.2	9.4	10.9	10.2	13.7	7.4	21.0
8 and under 13 weeks	7.5	5.2	12.1	13.0	11.7	16.3	8.4	24.7
13 and under 26 weeks	19.7	5.0	10.6	10.2	25.1	24.7	10.6	35.3
26 and under 39 weeks	5.4	*	*	*	7.0	8.5	*	10.5
39 and under 52 weeks	*	*	*	*	*	4.4	*	5.2
52 and under 65 weeks	*	*	*	*	*	*	*	4.9
65 weeks and over	*	*	*	*	5.3	6.9	*	8.4
Total	57.9	27.7	57.9	61.2	82.2	100.8	42.6	143.4
Average duration of unemployment (f) (weeks)	19.9	18.8	15.7	15.2	20.0	19.6	14.2	18.0
PERSONS								
Number unemployed ('000) -								
Under 2 weeks	6.1	4.2	11.6	10.8	11.1	16.4	5.5	21.9
2 and under 4 weeks	16.6	11.5	20.1	18.8	29.4	37.7	10.5	48.2
4 and under 8 weeks	14.5	10.9	23.2	20.3	28.4	39.8	8.9	48.7
8 and under 13 weeks	15.9	12.6	25.2	24.5	29.2	44.0	9.6	53.7
13 and under 26 weeks	36.9	11.0	23.5	20.2	51.2	57.9	13.5	71.4
26 and under 39 weeks	11.2	6.0	11.5	9.3	19.3	25.5	*	28.6
39 and under 52 weeks	*	*	6.1	*	7.0	9.8	*	10.6
52 and under 65 weeks	4.0	*	7.1	5.0	8.6	12.3	*	13.6
65 weeks and over	5.1	*	8.8	6.8	10.3	14.7	*	17.1
Total	113.5	63.2	137.1	119.3	194.4	258.2	55.6	313.7
Average duration of unemployment (f) (weeks)	18.3	16.7	18.9	17.4	18.8	19.1	14.5	18.3

(a) See note (a) to Table 14. (b) Period from the time the person began looking for work, or was laid off, to the end of survey week. (c) Never married, widowed and divorced. (d) Includes persons laid off for the whole week from full-time jobs. (e) Includes persons laid off for the whole week from part-time jobs. (f) Periods of unemployment are recorded only in completed weeks; this procedure results in a slight lowering of the figures shown for average duration of unemployment.

\* Less than 4,000. See page 25, paragraph 7.

TABLE 19. UNEMPLOYED PERSONS (a), LOOKING FOR FULL-TIME WORK AND LOOKING FOR PART-TIME WORK, MAY 1977

	Married males	Other males (b)	All males	Married women	Other females (b)	All females	Persons
Looking for full-time work (c) –							
Number ('000)	56.2	101.1	157.4	34.5	66.3	100.8	258.2
Unemployment rate (d) (per cent)	2.1	9.3	4.1	4.2	10.0	6.8	4.9
Looking for part-time work (e) –							
Number ('000)	*	11.1	13.0	26.8	15.9	42.6	55.6
Unemployment rate (d) (per cent)	*	9.8	6.6	4.6	10.4	5.8	6.0

(a) See note (a) to Table 14. (b) Never married, widowed and divorced. (c) Includes persons laid off for the whole week from full-time jobs. (d) The unemployed in each group as a percentage of the civilian labour force in the same group. (e) Includes persons laid off for the whole week from part-time jobs.

\* Less than, or based on a figure less than 4,000. See page 25, paragraph 7.

TABLE 20. UNEMPLOYED PERSONS (a), BY INDUSTRY, OCCUPATION AND DURATION OF UNEMPLOYMENT (b) MAY 1977 ('000)

Industry division or sub-division (c)	Number unemployed	Occupation group (d)	Number unemployed
Agriculture	16.6	Professional and technical	16.8
Manufacturing	72.7	Administrative, executive and managerial	4.6
Under 4 weeks	16.8	Clerical	35.3
4 and under 8 weeks	13.3	Under 4 weeks	9.2
8 and under 13 weeks	13.8	4 and under 8 weeks	4.4
13 and under 26 weeks	11.8	8 and under 13 weeks	7.0
26 and under 39 weeks	6.6	13 and under 26 weeks	6.4
39 and under 65 weeks	5.5	26 and under 52 weeks	4.7
65 weeks and over	5.0	Sales	33.8
Food, beverages and tobacco	13.8	Under 4 weeks	7.8
Metal products, machinery and equipment	11.3	4 and under 8 weeks	5.8
Other manufacturing	47.6	8 and under 13 weeks	6.0
Under 4 weeks	10.1	13 and under 26 weeks	8.4
4 and under 8 weeks	9.2	26 weeks and over	5.9
8 and under 13 weeks	8.7	Farmers, fishermen, timber-getters, etc.	21.1
13 and under 26 weeks	8.0	Under 4 weeks	5.6
26 and under 39 weeks	5.0	4 and under 8 weeks	4.4
Construction	27.8	8 and under 26 weeks	7.6
Under 4 weeks	6.5	Miners, quarrymen and related workers	*
4 and under 8 weeks	4.8	Transport and communication	10.7
8 and under 13 weeks	5.0	Tradesmen, production-process workers and labourers, n.e.c.	116.3
13 and under 26 weeks	6.4	Under 2 weeks	6.9
26 weeks and over	5.1	2 and under 4 weeks	18.9
Wholesale and retail trade	65.5	4 and under 8 weeks	19.4
Under 2 weeks	4.4	8 and under 13 weeks	22.3
2 and under 4 weeks	9.1	13 and under 26 weeks	21.6
4 and under 8 weeks	10.9	26 and under 39 weeks	11.2
8 and under 13 weeks	10.6	39 and under 52 weeks	4.3
13 and under 26 weeks	14.7	52 and under 65 weeks	4.6
26 and under 39 weeks	7.1	65 weeks and over	7.2
39 and under 65 weeks	5.9	Metal and electrical workers	26.1
Transport and storage	9.2	Under 4 weeks	4.9
Finance, insurance, real estate and business services	14.2	4 and under 8 weeks	4.6
Community services (e)	21.7	8 and under 13 weeks	4.5
Under 4 weeks	6.4	13 and under 26 weeks	5.8
4 and under 13 weeks	6.5	26 weeks and over	6.3
13 and under 26 weeks	5.3	Building workers	21.2
Entertainment, recreation, restaurants, hotels and personal services	29.6	Under 4 weeks	4.9
Under 4 weeks	6.2	4 and under 8 weeks	4.1
4 and under 8 weeks	4.6	8 and under 13 weeks	4.0
8 and under 13 weeks	6.3	13 and under 26 weeks	4.2
13 and under 26 weeks	6.9	Other tradesmen, etc.	69.0
26 weeks and over	5.5	Under 4 weeks	16.0
Other industries (f)	17.7	4 and under 8 weeks	10.7
Under 4 weeks	5.0	8 and under 13 weeks	13.8
4 and under 13 weeks	6.0	13 and under 26 weeks	11.5
Looking for first job	38.7	26 and under 39 weeks	6.7
Under 4 weeks	6.5	39 and under 65 weeks	5.9
4 and under 13 weeks	6.7	65 weeks and over	4.5
13 and under 26 weeks	15.0	Service, sport and recreation	35.4
26 and under 39 weeks	5.6	Under 2 weeks	4.1
		2 and under 8 weeks	7.7
		8 and under 13 weeks	7.0
		13 and under 26 weeks	8.9
		26 weeks and over	7.6
		Looking for first job	38.7
Total	313.7	Total	313.7

(a) See note (a) to Table 14. (b) See footnote (b) to Table 18. Duration of unemployment is not available for all industry or occupational groups because of high standard errors of the estimates. (c) See note (b) to Table 17. (d) See note (c) to Table 17. (e) See note (d) to Table 13. (f) See note (e) to Table 13.

\* Less than 4,000. See page 25, paragraph 7.



TABLE 21. PERSONS NOT IN THE LABOUR FORCE (a), BY MAJOR ACTIVITY  
(000)

Month	Kept house	Went to school, etc.	Retired or voluntarily inactive	Permanently unable to work	Institutionalised (b)	Total
MALES						
1976 -						
February (d)	12.9	244.0	547.9	47.1	56.5	908.5
May	12.5	269.2	548.5	44.0	55.9	930.1
August †	12.1	297.8	578.7	37.8	52.3	978.6
November	11.9	293.9	576.8	36.2	55.4	974.1
1977 -						
February	9.9	220.0	620.0	37.5	56.8	944.2
May	13.4	266.0	591.2	45.7	47.3	963.6
MARRIED WOMEN						
1976 -						
February (d)	1,857.7	8.7	29.3	6.3	10.2	1,912.3
May	1,867.1	12.2	30.9	5.3	8.8	1,924.4
August †	1,878.9	10.5	34.7	5.5	12.8	1,942.3
November	1,879.6	10.0	36.7	*	12.5	1,942.6
1977 -						
February	1,890.3	7.8	30.3	4.9	11.2	1,944.5
May	1,863.7	12.6	32.4	6.1	10.3	1,925.0
OTHER FEMALES (c)						
1976 -						
February (d)	485.5	218.7	124.9	15.2	58.2	902.5
May	492.3	246.6	108.1	13.8	65.9	926.8
August †	495.0	271.1	118.9	8.1	62.5	955.6
November	494.4	273.9	129.0	8.9	63.4	969.6
1977 -						
February	503.0	206.8	148.5	11.1	66.8	936.3
May	512.4	248.8	112.8	11.2	66.4	951.6
ALL FEMALES						
1976 -						
February (d)	2,343.3	227.5	154.2	21.5	68.3	2,814.8
May	2,359.4	258.8	139.1	19.2	74.7	2,851.2
August †	2,373.9	281.7	153.5	13.6	75.3	2,897.9
November	2,374.0	283.9	165.7	12.6	75.9	2,912.2
1977 -						
February	2,393.4	214.6	178.9	16.0	78.0	2,880.8
May	2,376.0	261.4	145.2	17.3	76.7	2,876.7
PERSONS						
1976 -						
February (d)	2,356.2	471.5	702.1	68.6	124.9	3,723.3
May	2,371.9	528.0	687.5	63.2	130.6	3,781.3
August †	2,385.9	579.4	732.2	51.4	127.5	3,876.5
November	2,385.9	577.8	742.5	48.8	131.3	3,886.2
1977 -						
February	2,403.2	434.6	798.9	53.6	134.8	3,825.0
May	2,389.4	527.4	736.4	63.0	124.0	3,840.2

(a) Civilians aged 15 years and over. For definition see page 3, paragraph 12. (b) Comprises inmates of gaols, patients in hospitals, sanatoria, etc., for whom, for the purposes of the survey, the institution was regarded as their dwelling. (c) Never married, widowed and divorced. (d) See page 4, paragraph 26.

\* Less than 4,000. See page 25, paragraph 7.

## TECHNICAL NOTE

### Estimation procedure

The estimates are derived from the quarterly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

### Reliability of the estimates

2. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings, they may differ from the figures that would have been produced if the information had been obtained from occupants of all dwellings. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the survey. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included in the survey, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. Space does not allow for the separate indication of the standard errors of all estimates in this bulletin. Standard errors for general application are given in Table A on page 26. It should be noted that due to the reduction in the sample size for November 1975, standard errors for estimates for that quarter are approximately 15 per cent higher than those shown in the table on page 26. For further details see the Technical Note of the November 1975 issue of this bulletin. The figures in Table A will not give a precise measure of the standard error of a particular estimate since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics. However, they will provide an indication of the magnitude of the standard error of any particular estimate for any particular survey. An example of the use of Table A is as follows: if the estimate for Australia obtained from the sample is 100,000 the standard error is 3,000; i.e. there are about two chances in three that the true figure is within the range 97,000 to 103,000 and about nineteen chances in twenty that this figure is between 94,000 and 106,000.

4. The quarter-to-quarter change in the level of an estimate is also subject to sampling variability. The standard error of the change depends on the standard error of the level of the estimate, rather than on the change itself. An indication of the magnitude of standard errors of quarter-to-quarter change in the Australian estimates is given in Table B on page 26. The estimates of standard error of quarter-to-quarter change

apply only to estimates of change between two consecutive quarters. Changes between corresponding quarters of consecutive years, or between two other non-consecutive quarters, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Furthermore, changes during the period February to November 1972 will have greater standard error than indicated in Table B, because of the introduction of the revised sample. An example of the use of Table B is as follows: if the estimates for Australia for two successive quarters are 500,000 and 520,000 then from Table A it can be seen that the standard errors of these two estimates are of the order of 6,000 and from Table B that the standard error of the quarter-to-quarter change is 5,000. That is, there are about two chances in three that the quarter-to-quarter change lies between 15,000 and 25,000 and about nineteen chances in twenty that it lies between 10,000 and 30,000.

5. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Estimates for females also tend to have higher standard errors than estimates of equivalent size for males in similar employment categories.

6. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the percent standard error of the estimated percentage will generally be lower than the per cent standard error of the estimate of the numerator. The per cent standard errors of the numerators can be obtained from Table A.

7. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this bulletin, estimates below the levels shown in Table A have not been included. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

8. The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the *non-sampling error*, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A  
STANDARD ERRORS OF ESTIMATES

Size of estimate (persons)	N.S.W. No.	Vic. No.	Qld No.	S.A. No.	W.A. No.	Tas. No.	N.T. No.	A.C.T. No.	Australia	
									No.	Per cent of estimate
1,500						250	300	300		
2,000					400	250	350	350		
2,500				500	450	250	400	400		
3,000			600	500	450	300	400	450		
4,000	900	900	700	500	500	300	450	550	800	20.0
5,000	1,000	1,000	750	550	550	350	500	600	900	18.0
10,000	1,300	1,300	900	800	700	400	650	800	1,200	12.0
20,000	1,600	1,600	1,200	1,100	1,000	400	900	1,050	1,600	8.0
50,000	2,500	2,500	1,500	1,500	1,500	500	1,300	1,500	2,300	4.6
100,000	3,000	3,000	2,000	2,000	2,000	600		2,000	3,000	3.0
200,000	4,000	4,000	2,000	2,000	2,000				4,000	2.0
300,000	5,000	5,000	2,500	2,600	2,400				5,000	1.7
500,000	6,000	6,000	3,500	3,200	3,000				6,000	1.2
1,000,000	8,000	8,000							8,000	0.8
2,000,000									10,000	0.5

— Estimates below the levels indicated have not been published — see page 25, paragraph 7.

TABLE B  
STANDARD ERRORS OF ESTIMATES OF  
QUARTER-TO-QUARTER CHANGE : AUSTRALIA  
(Persons)

Standard error of quarterly level	Standard error of quarter-to-quarter change	Standard error of quarterly level	Standard error of quarter-to-quarter change
1,000	1,300	5,000	4,700
2,000	2,500	6,000	5,000
3,000	3,600	7,000	5,200
4,000	4,300	8,000	5,300

## APPENDIX

**NON-INSTITUTIONALISED POPULATION 15 YEARS OF AGE AND OVER :  
FAMILY STATUS AND EMPLOYMENT STATUS, FEBRUARY 1977 AND MAY 1977**

**EXPLANATORY NOTES****Introduction**

The table on the following page contains estimates for February 1977 and May 1977 of the civilian non-institutionalised population aged fifteen years and over classified by family status and employment status. The estimates were derived from the results of the quarterly population surveys conducted in those months.

**Scope**

2. The estimates relate to all persons aged 15 years and over, except members of the permanent armed forces, certain diplomatic personnel customarily excluded from census and estimated populations, and persons who were patients in hospitals and sanatoria, or inmates of gaols, reformatories, etc.

**Definitions**

3. A *family* was generally defined to consist of two or more persons living in the same household at the time of the survey comprising the head of the family and spouse (if any) and any persons having any of the following relationships to them :

- (i) son or daughter of any age, if unmarried and not accompanied by children of his or her own
- (ii) brother or sister, if unmarried and not accompanied by parents or children of his or her own
- (iii) grandchild, if unmarried and not accompanied by either of his or her parents, nor by children of his or her own

(iv) ancestor, if not married and not accompanied by children under 15 years of age of his or her own; or

(v) any child under 15 years of age not accompanied by a parent, unless the child was related to some person in a second family in the household.

4. The following points should be noted in relation to the definition of a family in the previous paragraph :

(i) family status was determined at the time of the survey. Thus if members of the family were absent (e.g. children at boarding school) the family status of the head and other family members could have been affected.

(ii) the term 'relationship' includes relationships by blood, marriage or adoption.

(iii) the marriage relationship includes legal and de facto relationships.

(iv) the term not married comprises never married, widowed, divorced and permanently separated persons.

(v) a family, as defined, can contain no more than two married persons, and can contain two married persons only if these persons are husband and wife.

5. *Dependent children* comprise all family members under 15 years of age and all family members aged 15 to 20 years who are full-time students.

**NON-INSTITUTIONALISED POPULATION 15 YEARS OF AGE AND OVER (a), BY FAMILY STATUS AND EMPLOYMENT STATUS, FEBRUARY AND MAY 1977**

Family status	Employed (b)		Unemployed (b)				Total labour force (b)				Not in labour force (b)		Civilian population aged 15 and over (a) ('000)	
	('000)		Number ('000)		Per cent of labour force (c)		Number ('000)		Per cent of population (d)		('000)			
	Feb. 1977	May 1977	Feb. 1977	May 1977	Feb. 1977	May 1977	Feb. 1977	May 1977	Feb. 1977	May 1977	Feb. 1977	May 1977	Feb. 1977	May 1977
<b>MALES</b>														
Member of a family (e)	3,409.2	3,387.3	138.4	136.5	3.9	3.9	3,547.7	3,523.8	82.8	82.1	739.2	768.3	4,286.9	4,292.1
Husband	2,665.7	2,650.8	53.0	51.4	2.0	1.9	2,718.7	2,702.2	86.1	85.6	437.5	453.6	3,156.1	3,155.8
with dependent children (f) present	1,717.5	1,720.7	35.2	33.9	2.0	1.9	1,752.7	1,754.6	97.2	97.1	51.4	52.7	1,804.1	1,807.2
without dependent children (f) present	948.1	930.1	17.9	17.5	1.8	1.8	966.0	947.6	71.4	70.3	386.1	401.0	1,352.1	1,348.6
Not married (g) head of family	71.6	74.6	*	5.3	*	6.6	74.9	79.9	78.4	77.5	20.7	23.1	95.6	103.1
with dependent children (f) present	26.0	27.7	*	*	*	*	26.8	28.8	87.4	91.1	*	*	30.6	31.7
without dependent children (f) present	45.6	47.0	*	4.1	*	8.0	48.1	51.1	74.1	71.5	16.8	20.3	64.9	71.4
Full-time students 15-20 years of age	26.2	42.9	8.7	8.4	24.9	16.3	34.9	51.3	15.6	19.3	189.2	213.8	224.1	265.1
Other child (h) of family head	596.8	568.1	68.7	64.6	10.3	10.2	665.5	632.6	92.0	93.5	58.1	44.3	723.5	676.9
Other relative (parent, brother, etc.)	49.0	50.9	4.7	6.9	8.7	12.0	53.7	57.8	61.4	63.4	33.8	33.4	87.5	91.2
Not a member of a family (i)	431.3	437.2	35.2	33.8	7.5	7.2	466.5	471.0	75.9	76.1	148.2	148.0	614.7	619.0
<b>Total</b>	<b>3,840.6</b>	<b>3,824.6</b>	<b>173.6</b>	<b>170.3</b>	<b>4.3</b>	<b>4.3</b>	<b>4,014.2</b>	<b>3,994.9</b>	<b>81.9</b>	<b>81.3</b>	<b>887.4</b>	<b>916.3</b>	<b>4,901.6</b>	<b>4,911.1</b>
<b>FEMALES</b>														
Member of a family (e)	1,755.2	1,781.9	138.3	124.6	7.3	6.5	1,893.5	1,906.5	43.8	44.0	2,428.9	2,428.1	4,322.4	4,334.6
Wife	1,243.3	1,269.5	60.7	55.1	4.7	4.2	1,303.9	1,324.5	41.2	41.8	1,858.2	1,844.7	3,162.1	3,169.2
with dependent children (f) present	718.2	734.3	40.2	37.5	5.3	4.9	758.4	771.8	42.1	42.4	1,044.9	1,047.6	1,803.3	1,819.4
without dependent children (f) present	525.1	535.2	20.4	17.5	3.7	3.2	545.5	552.7	40.1	40.9	813.3	797.1	1,358.9	1,349.8
Not married (g) head of family	112.8	117.6	9.6	10.0	7.8	7.8	122.4	127.5	37.8	38.0	200.9	207.6	323.3	335.1
with dependent children (f) present	64.3	69.6	7.6	7.7	10.6	9.9	71.9	77.2	42.6	42.4	96.9	104.9	168.9	182.1
without dependent children (f) present	48.4	48.0	*	*	*	*	50.4	50.3	32.6	32.9	104.0	102.7	154.5	153.0
Full-time students 15-20 years of age	28.4	43.6	9.4	11.6	24.8	21.0	37.8	55.1	16.4	20.1	191.8	218.8	229.6	274.0
Other child (h) of family head	343.9	321.6	55.9	45.3	14.0	12.3	399.8	366.8	87.2	91.0	58.5	36.2	458.4	403.0
Other relative (parent, sister, etc.)	26.8	29.7	*	*	*	*	29.6	32.5	19.9	21.2	119.4	120.7	149.0	153.2
Not a member of a family (i)	277.5	279.3	22.8	18.8	7.6	6.3	300.3	298.1	44.6	44.5	374.0	371.9	674.2	670.0
<b>Total</b>	<b>2,032.7</b>	<b>2,061.2</b>	<b>161.1</b>	<b>143.4</b>	<b>7.3</b>	<b>6.5</b>	<b>2,193.8</b>	<b>2,204.6</b>	<b>43.9</b>	<b>44.1</b>	<b>2,802.8</b>	<b>2,799.9</b>	<b>4,996.6</b>	<b>5,004.6</b>

(a) For a note on persons excluded see page 27, paragraph 2. (b) For definitions see pages 2 and 3, paragraphs 7 to 12. (c) The number of unemployed in each group as a percentage of the labour force in the same group. (d) The labour force in each group as a percentage of the civilian non-institutionalised population aged 15 years and over in the same group. (e) See page 27, paragraphs 3 and 4. (f) Comprises all family members under 15 years of age and all family members aged 15 to 20 years who were full-time students. (g) Includes widowed, divorced and permanently separated. (h) Of any age. (i) Persons living by themselves or not related to any other member of the household in which they were living.

\* Less than or based on a figure less than 4,000. See page 25, paragraph 7.

## POPULATION SURVEY REPORTS

Although emphasis in the population survey is placed on the regular collection, each quarter, of data on demographic and labour force characteristics, supplementary surveys of particular aspects of the labour force or of other subjects are carried out from time to time. The results of these surveys are published separately. Copies of the following publications are available free on request.

<i>Title</i>	<i>Reference No.</i>
Annual Leave, August 1974	6.45
Assisted and Unassisted Migrants, August 1972	17.9
Australian Ex-service Personnel, Survey of, November 1966	15.1
Ex-service Personnel, Widows and Children, November 1971	15.1
Child Care –	
May 1969; May 1973	17.2
Chronic Illnesses, Injuries and Impairments –	
May 1968; May 1974	17.3
Evening and Night Work, November 1976 (Preliminary)	6.66
Family Status and Employment Status of the Population, November 1974 and November 1975	6.55
Frequency of Pay –	
August 1974; August 1976	6.46
Income Distribution, 1968-69 (Consolidated and Revised Edition)	17.17
Income Distribution, 1973-74 –	
Part I	17.6
Part 2	17.8
Internal Migration –	
1969-70 to 1972-73 (annually); Twelve months ended April 1972, 1973 and 1974; December 1974	4.26
Job Tenure –	
February 1974; February 1975; August 1976	6.44
Journey to Work and Journey to School –	
May 1970; August 1974	17.5
Labour Force Experience –	
During 1968; During 1972; During 1974; During 1975; During 1976	6.26
Labour Force Status and Other Characteristics of Families, November 1974	6.57
Labour Mobility –	
November 1972; February 1975; February 1976	6.43
Leavers from Schools, Universities and Other Educational Institutions, Survey of –	
February 1964, 1965, 1966 and 1967	S.B. 679
February 1968, 1969 and 1970; February 1971 to February 1974 (Annually);	
May 1975; May 1976	6.9
Multiple Jobholding –	
November 1965	S.B. 465
August 1966	S.B. 564
August 1967; May 1971; August 1973; August 1975	6.10
Non-School Study Courses, Survey of, August 1968	13.11
Persons Covered by Hospital and Medical Expenditure Assistance Schemes, August 1972	17.10
Persons Aged 15 to 64 Years: Employment Status and Period Since Leaving School, May 1976	6.62
Persons Aged 15 to 64 Years Who Were Not in the Labour Force, November 1975	6.59
Persons Looking for Work –	
May 1976; November 1976	6.60
May 1977 (Preliminary)	6.56
School Leavers, 1970 to 1974 : Their Employment Status and Education Experience in May 1975	6.53
Superannuation, Survey of –	
Victoria, May 1968	6.19
February 1974	6.42
The Labour Force: Country of Birth and Period of Residence, February 1972	6.31
Trade Union Members, November 1976	6.65
Weekly Earnings of Employees (Distribution) –	
August 1975; August 1976	6.51
Work Patterns of Employees, November 1976 (Preliminary)	6.64

